

**EOG Resources, Inc.**  
**P.O. 1910**  
**Vernal, UT 84078**

November 22, 2005

Utah Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL  
NATURAL BUTTES UNIT 319-17E  
NW/NW, SEC. 17, T10S, R21E  
UINTAH COUNTY, UTAH  
LEASE NO.: U-02270-A  
UTAH STATE LANDS

Enclosed please find the original and one copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Phone: (435)789-4120  
Fax: (435)789-1420

Sincerely,



Ed Trotter  
Agent  
**EOG Resources, Inc.**

Attachments

NBU 319-17E B

REC 14205

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: U-02270-A	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
8. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: EOG RESOURCES, INC.				9. WELL NAME and NUMBER: NATURAL BUTTES UNIT 319-17E	
3. ADDRESS OF OPERATOR: P.O. BOX 1815 CITY VERNAL STATE UT ZIP 84078			PHONE NUMBER: (435) 789-0790	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 807' FNL, 990' FWL 621198X 39.952820 AT PROPOSED PRODUCING ZONE: SAME 4423275Y -109.581188				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 17 10S 21E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.76 MILES SOUTHEAST OF OURAY, UTAH				12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 807'		16. NUMBER OF ACRES IN LEASE: 2167		17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) SEE TOPO MAP "C"		19. PROPOSED DEPTH: 9,900		20. BOND DESCRIPTION: NM 2308	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5057.2' GRADED GROUND		22. APPROXIMATE DATE WORK WILL START: 12/22/2005		23. ESTIMATED DURATION: 45 DAYS	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17 1/2"	13 3/8"	H-40	48.0#	45	SEE 8 POINT PLAN
12 1/4"	9 5/8"	J-55	36.0#	2,300	SEE 8 POINT PLAN
7 7/8"	4 1/2"	N-80	11.6#	9,900	SEE 8 POINT PLAN

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>Ed Trotter</u>	TITLE <u>Agent</u>
SIGNATURE <u>[Signature]</u>	DATE <u>11/22/2005</u>

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API NUMBER ASSIGNED: 43-047-37511

APPROVAL:

RECEIVED  
DEC 14 2005

OFFICE OF THE ATTORNEY GENERAL

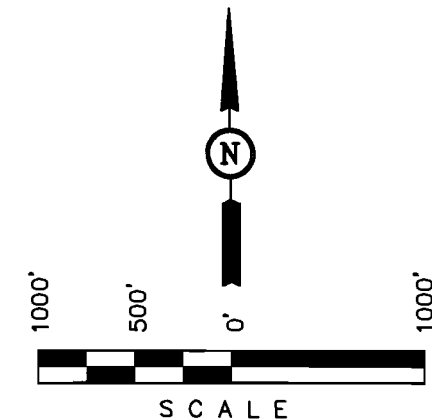
**T10S, R21E, S.L.B.&M.**

**EOG RESOURCES, INC.**

Well location, NBU #319-17E, located as shown in the NW 1/4 NW 1/4 of Section 17, T10S, R21E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

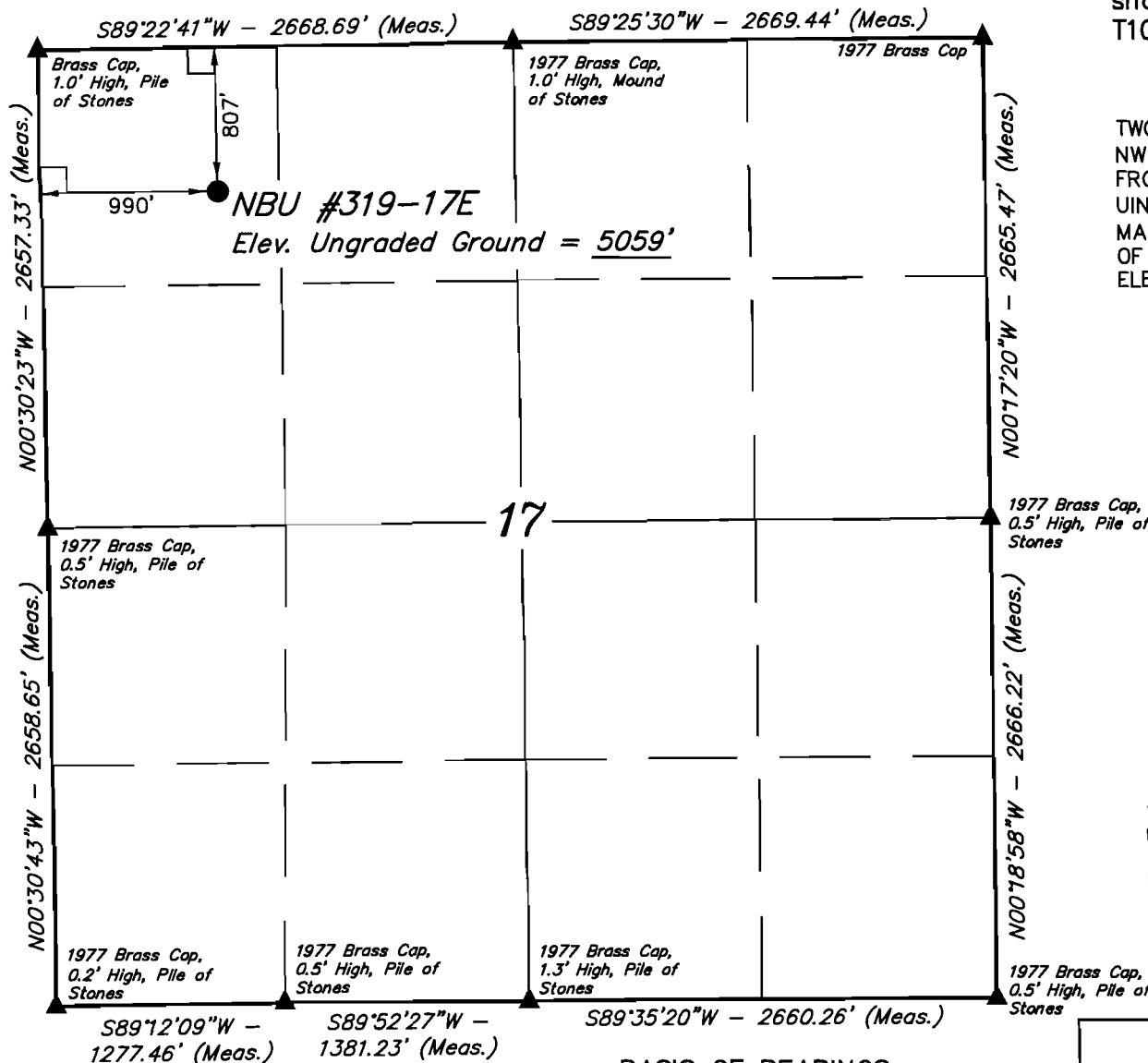
TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert H. Hays*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH



**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)  
 LATITUDE = 39°57'10.17" (39.952825)  
 LONGITUDE = 109°34'54.79" (109.581886)  
 (NAD 27)  
 LATITUDE = 39°57'10.30" (39.952861)  
 LONGITUDE = 109°34'52.31" (109.581197)

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-7-05	DATE DRAWN: 11-17-05
PARTY G.S. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

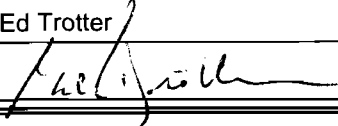
AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO: <b>U-02270-A</b>	6. SURFACE: <b>State</b>
1A. TYPE OF WORK: <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: <b>NATURAL BUTTES UNIT</b>	
2. NAME OF OPERATOR: <b>EOG RESOURCES, INC.</b>				9. WELL NAME and NUMBER: <b>NATURAL BUTTES UNIT 319-17E</b>	
3. ADDRESS OF OPERATOR: <b>P.O. BOX 1815</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>			PHONE NUMBER: <b>(435) 789-0790</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>807' FNL, 990' FWL</b> <b>621198X</b> <b>39.952820</b> AT PROPOSED PRODUCING ZONE: <b>SAME</b> <b>4423275Y</b> <b>-109.581188</b>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 17 10S 21E S</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>13.76 MILES SOUTHEAST OF OURAY, UTAH</b>				12. COUNTY: <b>UINTAH</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>807'</b>		16. NUMBER OF ACRES IN LEASE: <b>2167</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>SEE TOPO MAP "C"</b>		19. PROPOSED DEPTH: <b>9,900</b>		20. BOND DESCRIPTION: <b>NM 2308</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5057.2' GRADED GROUND</b>		22. APPROXIMATE DATE WORK WILL START: <b>12/22/2005</b>		23. ESTIMATED DURATION: <b>45 DAYS</b>	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17 1/2"	13 3/8"	H-40	48.0#	45	SEE 8 POINT PLAN
12 1/4"	9 5/8"	J-55	36.0#	2,300	SEE 8 POINT PLAN
7 7/8"	4 1/2"	N-80	11.6#	9,900	SEE 8 POINT PLAN

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
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NAME (PLEASE PRINT) Ed Trotter    TITLE Agent

SIGNATURE     DATE 11/22/2005

(This space for State use only)

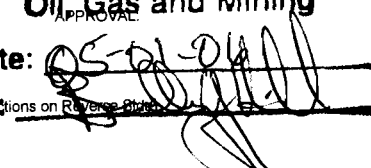
API NUMBER ASSIGNED: 43-047-37511

(11/2001)

**Federal Approval of this  
Action is Necessary**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

APPROVAL

Date: 05-01-06  
By: 

(See Instructions on Reverse Side)

RECEIVED  
DEC 14 2005  
OFFICE OF THE ATTORNEY GENERAL

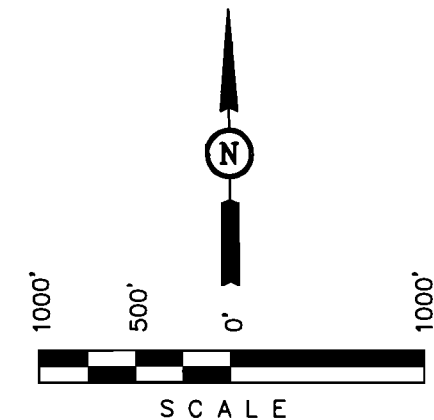
**T10S, R21E, S.L.B.&M.**

**EOG RESOURCES, INC.**

Well location, NBU #319-17E, located as shown in the NW 1/4 NW 1/4 of Section 17, T10S, R21E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



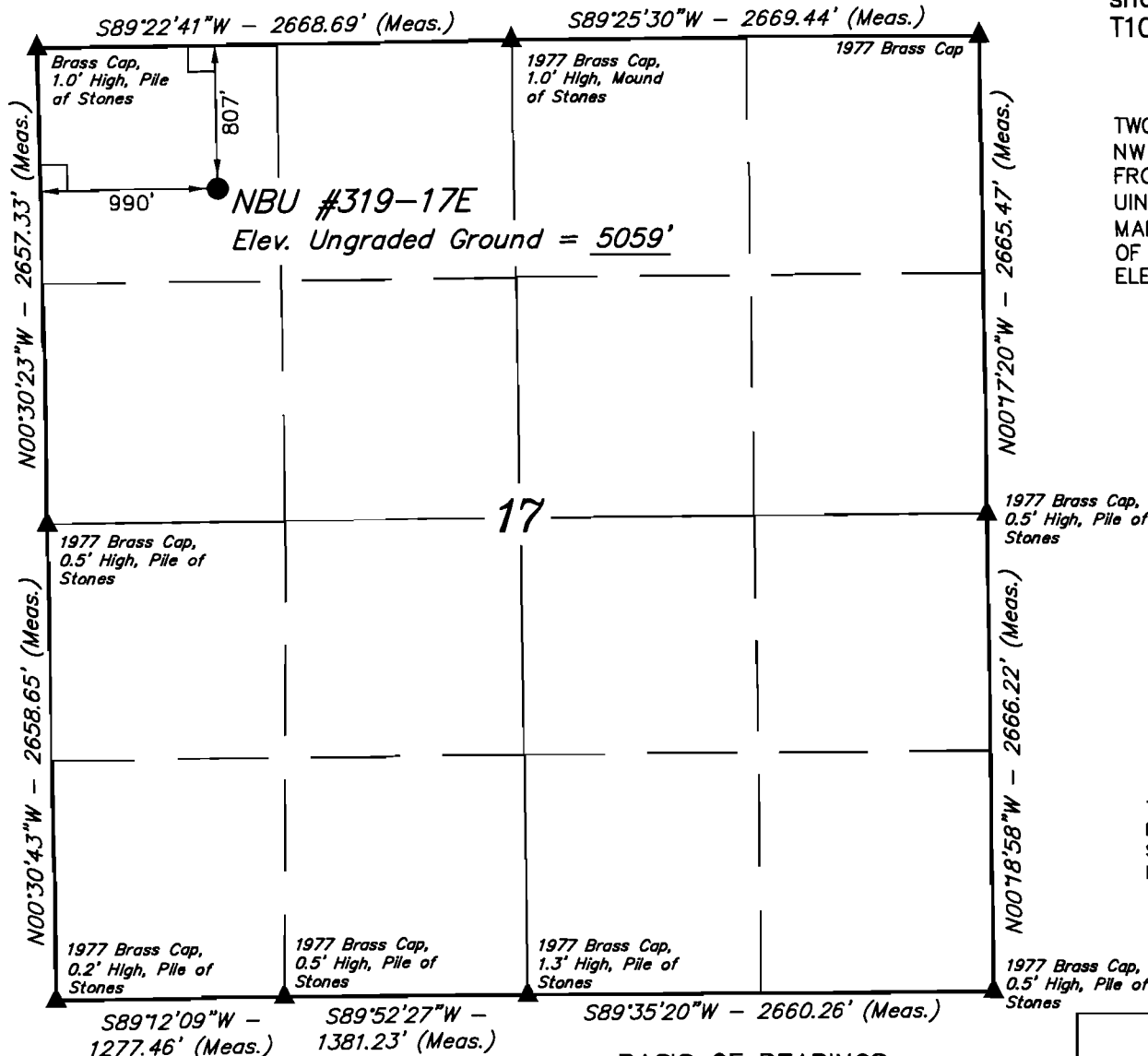
**CERTIFICATE**

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*Robert H. Hays*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
**85 SOUTH 200 EAST - VERNAL, UTAH 84078**  
**(435) 789-1017**

SCALE 1" = 1000'	DATE SURVEYED: 11-7-05	DATE DRAWN: 11-17-05
PARTY G.S. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	



**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

**EIGHT POINT PLAN**  
**NATURAL BUTTES UNIT 319-17E**  
**NW/NW, SEC. 17, T10S, R21E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River FM	1,237'
Wasatch	4,454'
Chapita Wells	5,091'
Buck Canyon	5,813'
North Horn	6,335'
Island	7,224'
KMV Price River	7,421'
KMV Price River Middle	8,346'
KMV Price River Lower	9,288'
Sego	9,690'

Estimated TD: 9,900' or 200'± below Sego top

**Anticipated BHP: 5,405 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

							<b><u>RATING FACTOR</u></b>		
	<b><u>HOLE SIZE</u></b>	<b><u>INTERVAL</u></b>	<b><u>SIZE</u></b>	<b><u>WEIGHT</u></b>	<b><u>GRADE</u></b>	<b><u>THREAD</u></b>	<b><u>COLLAPSE /BURST/ TENSILE</u></b>		
<b>Conductor:</b>	17 ½"	0' – 45'	13 ⅝"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
<b>Surface</b>	12-1/4"	45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
<b>Production:</b>	7-7/8"	2,300'± – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

**Note: 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.**

**5. Float Equipment:**

**Surface Hole Procedure (0'- 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

**EIGHT POINT PLAN**  
**NATURAL BUTTES UNIT 319-17E**  
**NW/NW, SEC. 17, T10S, R21E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**Float Equipment: (Cont'd)**

**Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

**Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

**8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD.

**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Pulsed Neutron**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

**Lead:** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**EIGHT POINT PLAN**  
**NATURAL BUTTES UNIT 319-17E**  
**NW/NW, SEC. 17, T10S, R21E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**CEMENT PROGRAM (Continued):**

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

**Lead:**           **268 sks:** 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19 gps water.

**Tail:**           **1035 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:**           The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

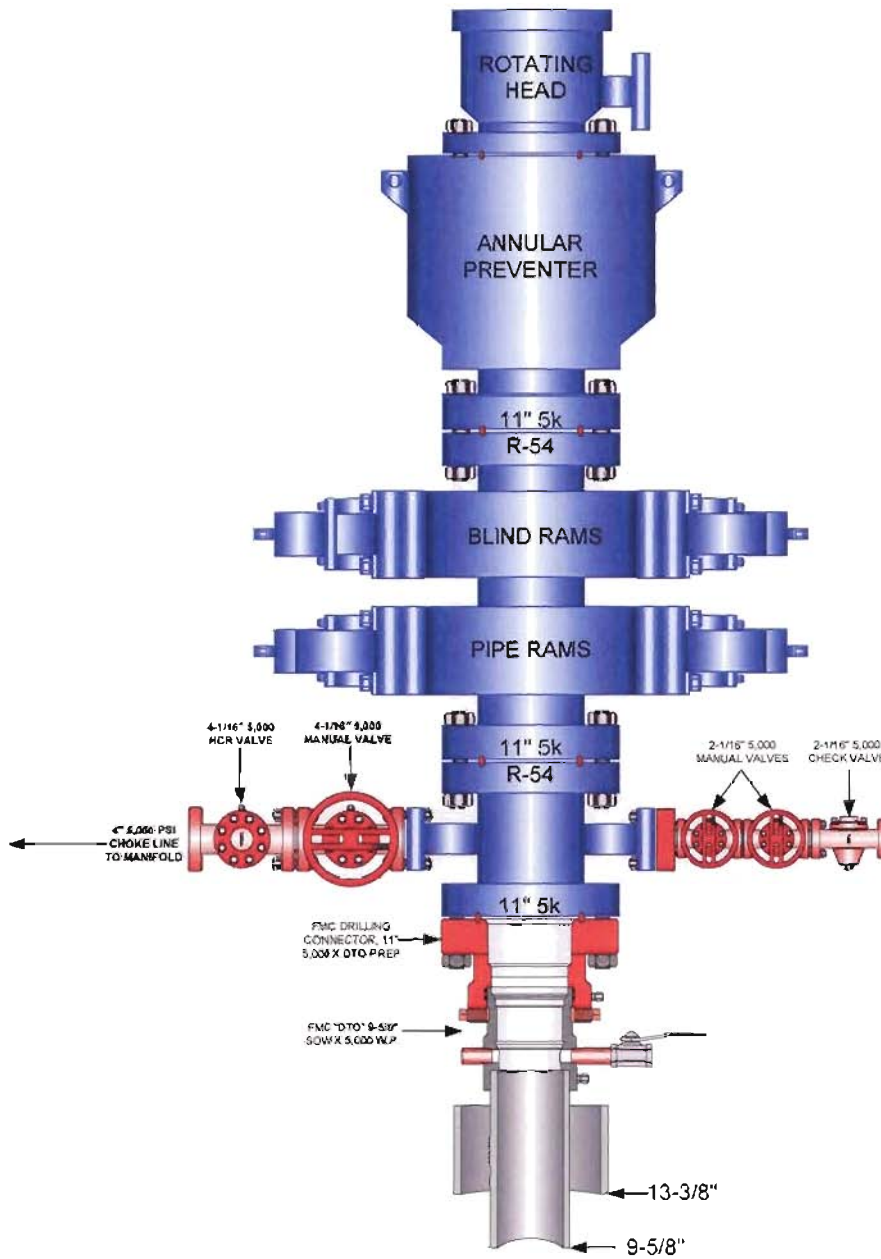
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)



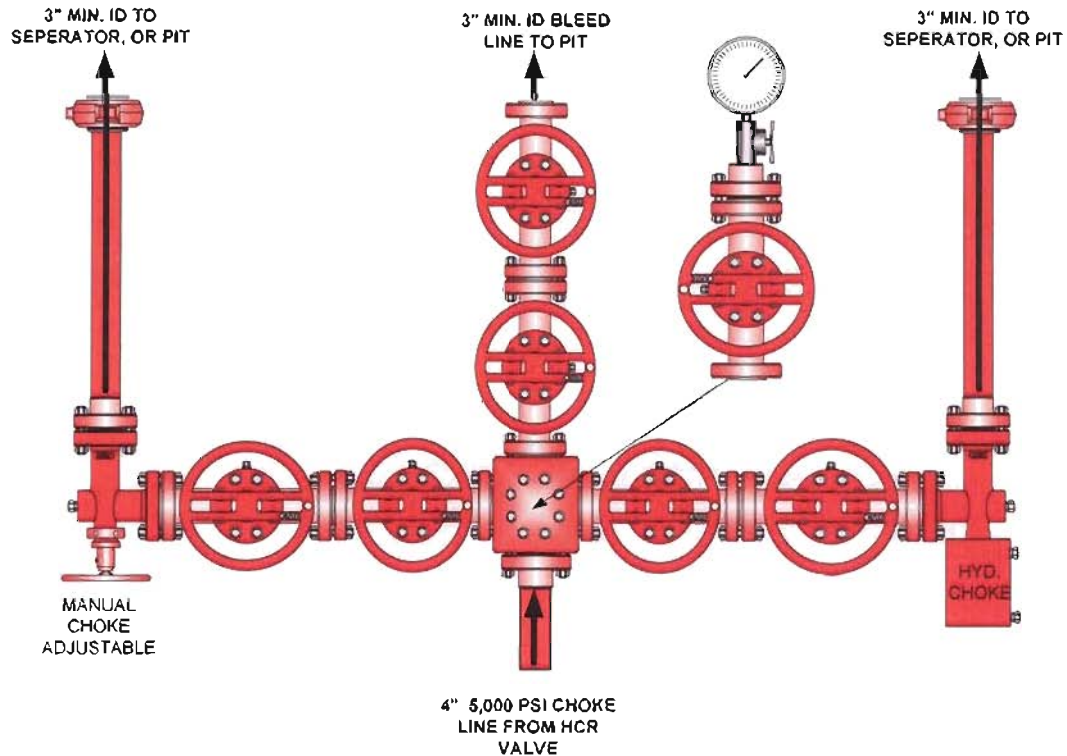
EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION

PAGE 1 OF 2



**EOG RESOURCES CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES**

PAGE 2 OF 2



**Testing Procedure:**

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
4. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.  
Well Name & Number: Natural Buttes Unit 319-17E  
Lease Number: U-02270-A  
Location: 807' FNL & 990' FWL, NW/NW, Sec. 17,  
T10S, R21E, S.L.B.&M.,  
Uintah County, Utah  
  
Surface Ownership: STATE OF UTAH

**NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and  
Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related  
Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production  
Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## **THIRTEEN POINT SURFACE USE PROGRAM**

### **1. EXISTING ROADS**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 13.76 miles southeast of Ouray, Utah - See attached TOPO Map "A" .
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### **2. PLANNED ACCESS ROAD**

- A. The access road will be approximately 300 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

A. Abandoned wells - 1\*

B. Producing wells - 16\*

C. Shut in wells - 1\*

(\*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
2. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 4" OD steel above ground natural gas pipeline will be laid approximately 358' from proposed location to a point in the NW/NW of Section 17, T10S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Natural Buttes Unit, thus a Right-of-Way grant will not be required.
3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the South side of the location.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

8. **ANCILLARY FACILITIES**

- A. No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southwest corner of the location.  
The flare pit will be located downwind of the prevailing wind direction on the West side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.  
The stockpiled topsoil will be stored South of Corner #6, as well as between Corners #2 and #8.

Access to the well pad will be from the North.

Corners #2 & #8 will be rounded off to minimize excavation.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

## 10. PLANS FOR RESTORATION OF SURFACE

### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

## 11. SURFACE OWNERSHIP

Access road: State of Utah

Location: State of Utah

## 12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. The drilling rig and ancillary equipment will be removed from the location



prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

**LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

**PERMITTING AGENT**

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Telephone: (435)789-4120  
Fax: (435)789-1420

**DRILLING OPERATIONS**

Donald Presenkowski  
EOG Resources, Inc.  
P.O. Box 250  
Big Piney, WY 83113  
Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

**Certification**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

11-22-2005  
Date

  
Agent

**EOG RESOURCES, INC.**  
**NBU #319-17E**  
**SECTION 17, T10S, R21E, S.L.B.&M.**

**PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ROAD ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN SOUTHEASTERLY DIRECTION APPROXIMATELY 300' TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.7 MILES.**

# EOG RESOURCES, INC.

NBU #319-17E

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 17, T10S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



Since 1904

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

11 09 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: T.B.

DRAWN BY: B.C.

REVISED: 00-00-00

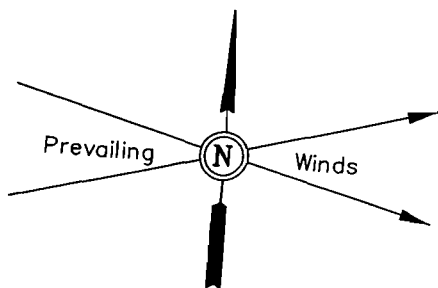
# EOG RESOURCES, INC.

## LOCATION LAYOUT FOR

NBU #319-17E

SECTION 17, T10S, R21E, S.L.B.&M.

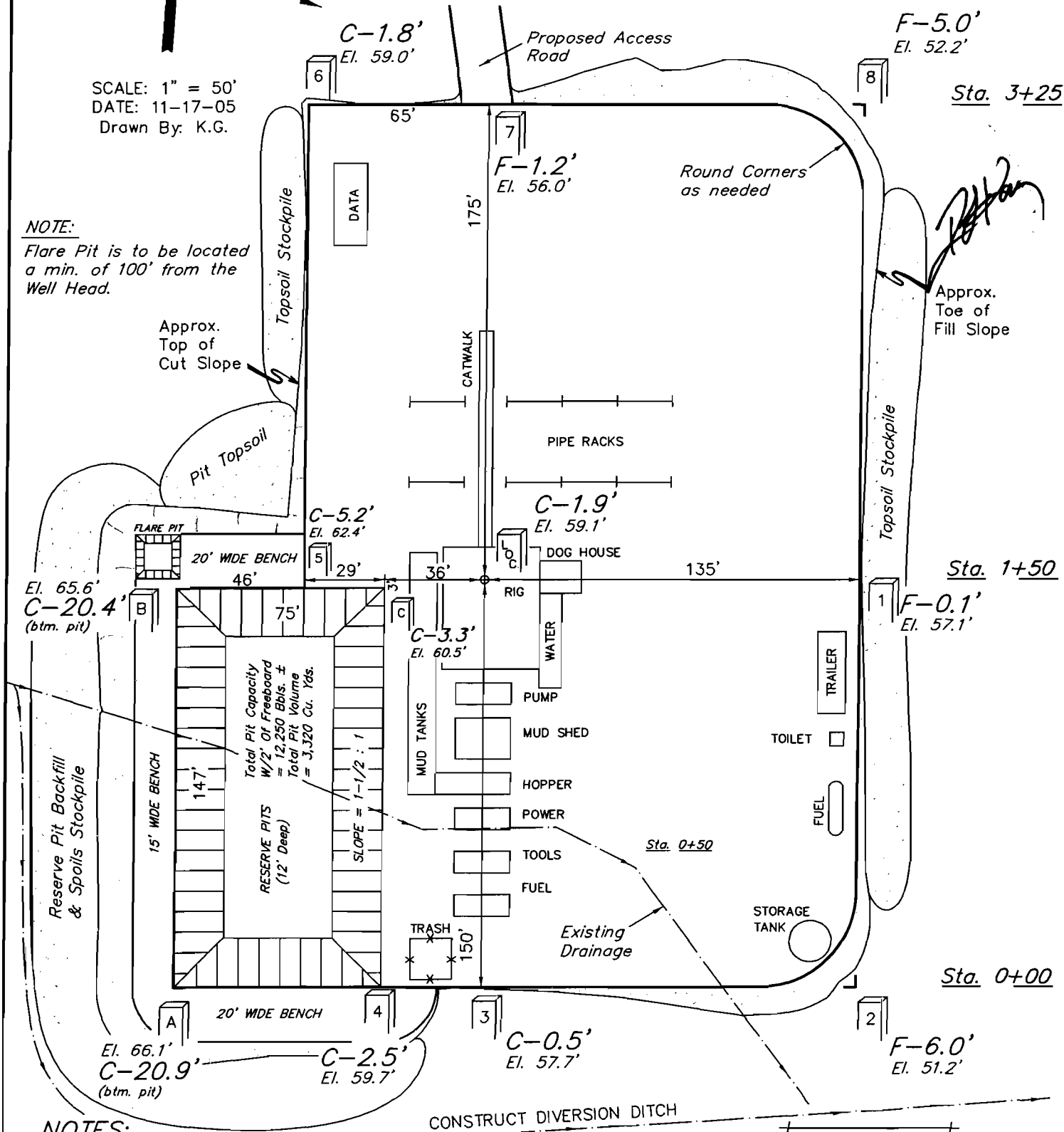
807' FNL 990' FWL



SCALE: 1" = 50'  
DATE: 11-17-05  
Drawn By: K.G.

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5059.1'

FINISHED GRADE ELEV. AT LOC. STAKE = 5057.2'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# EOG RESOURCES, INC.

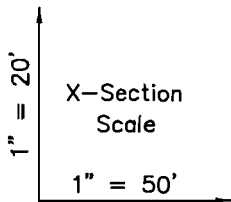
FIGURE #2

## TYPICAL CROSS SECTIONS FOR

NBU #319-17E

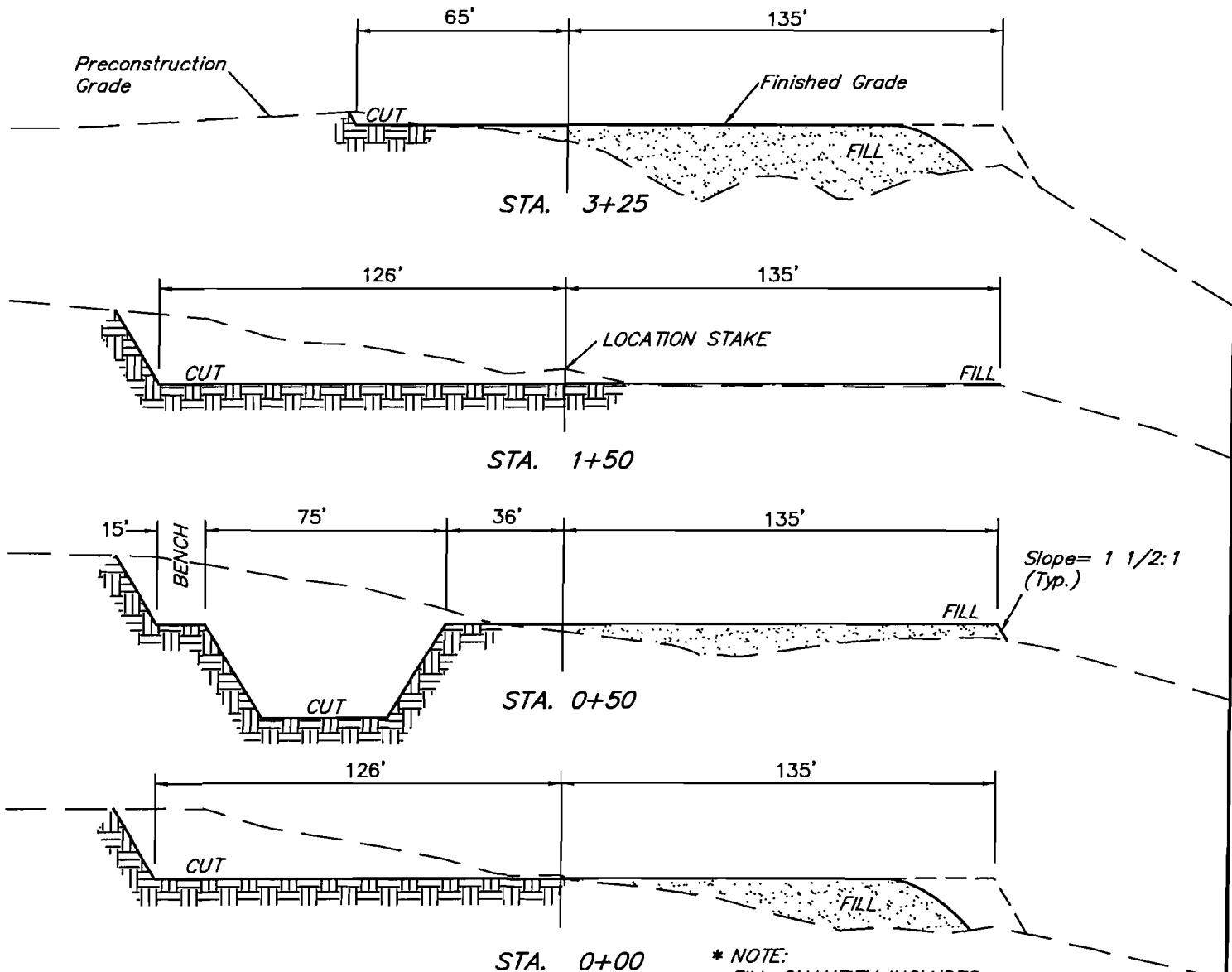
SECTION 17, T10S, R21E, S.L.B.&M.

807' FNL 990' FWL



DATE: 11-17-05

Drawn By: K.G.



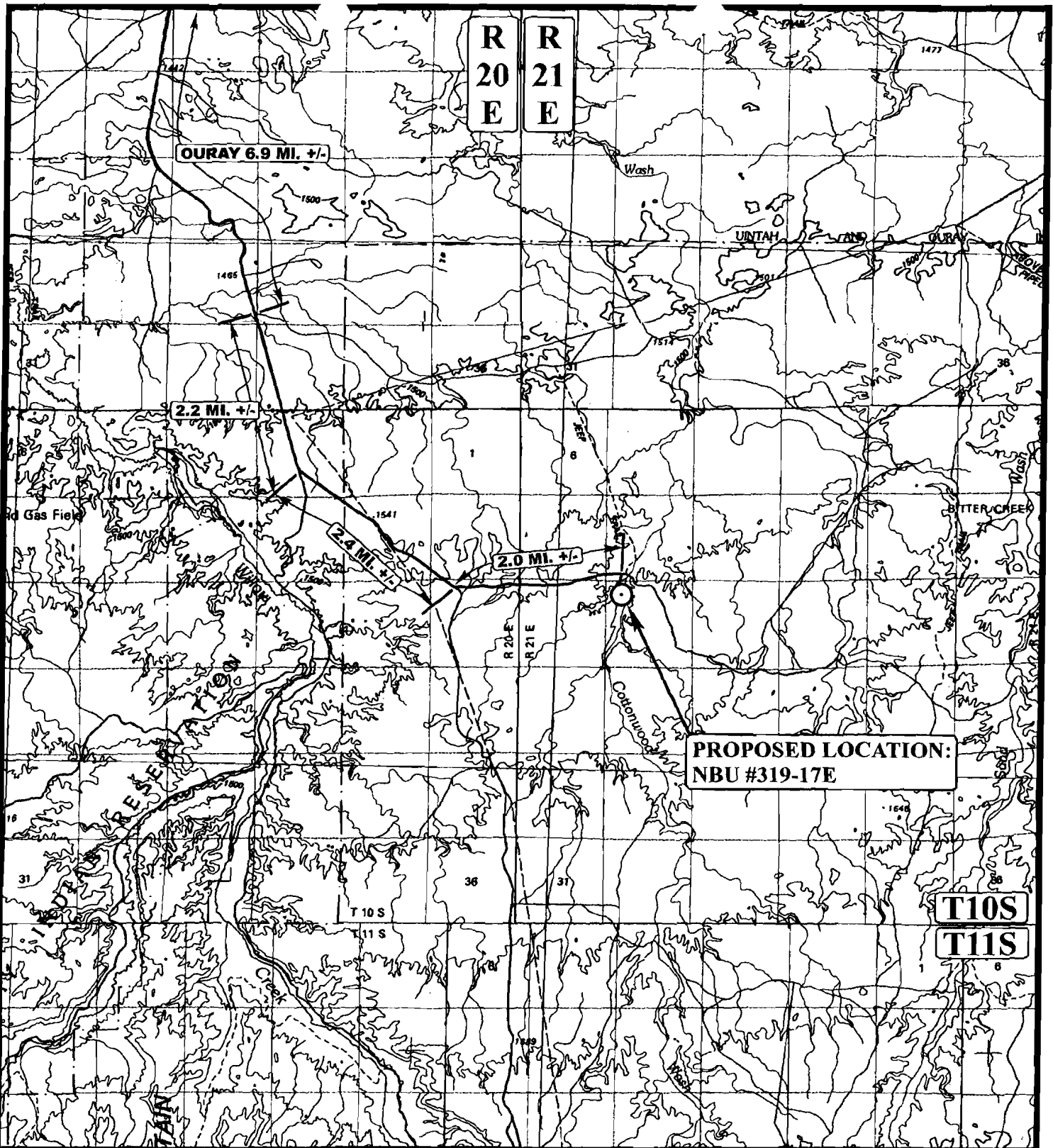
\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,620 Cu. Yds.
Remaining Location	= 7,180 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,800 CU.YDS.</b>
<b>FILL</b>	<b>= 5,520 CU.YDS.</b>

EXCESS MATERIAL	= 3,280 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,280 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 788-1017



# **LEGEND:**

○ PROPOSED LOCATION

N



## **EOG RESOURCES, INC.**

NBU #319-17E

SECTION 17, T10S, R21E, S.L.B.&M.

807' FNL 990' FWL



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

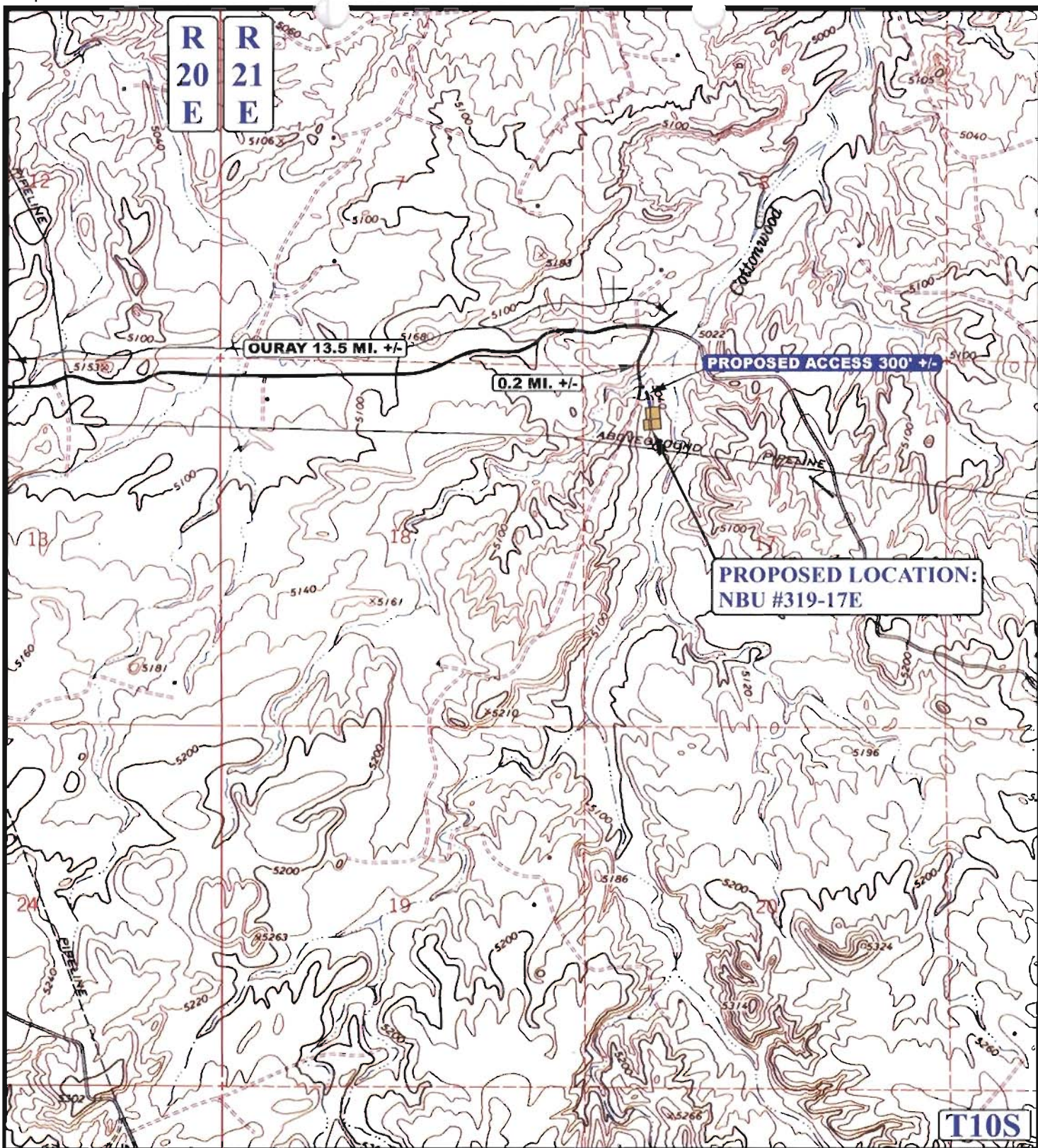
TOPOGRAPHIC  
MAP

11 09 05  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: B.C. REVISED: 00-00-00







# LEGEND:

EXISTING ROAD  
 PROPOSED ACCESS ROAD

# EOG RESOURCES, INC.

NBU #319-17E  
SECTION 17, T10S, R21E, S.L.B.&M.  
807' FNL 990' FWL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



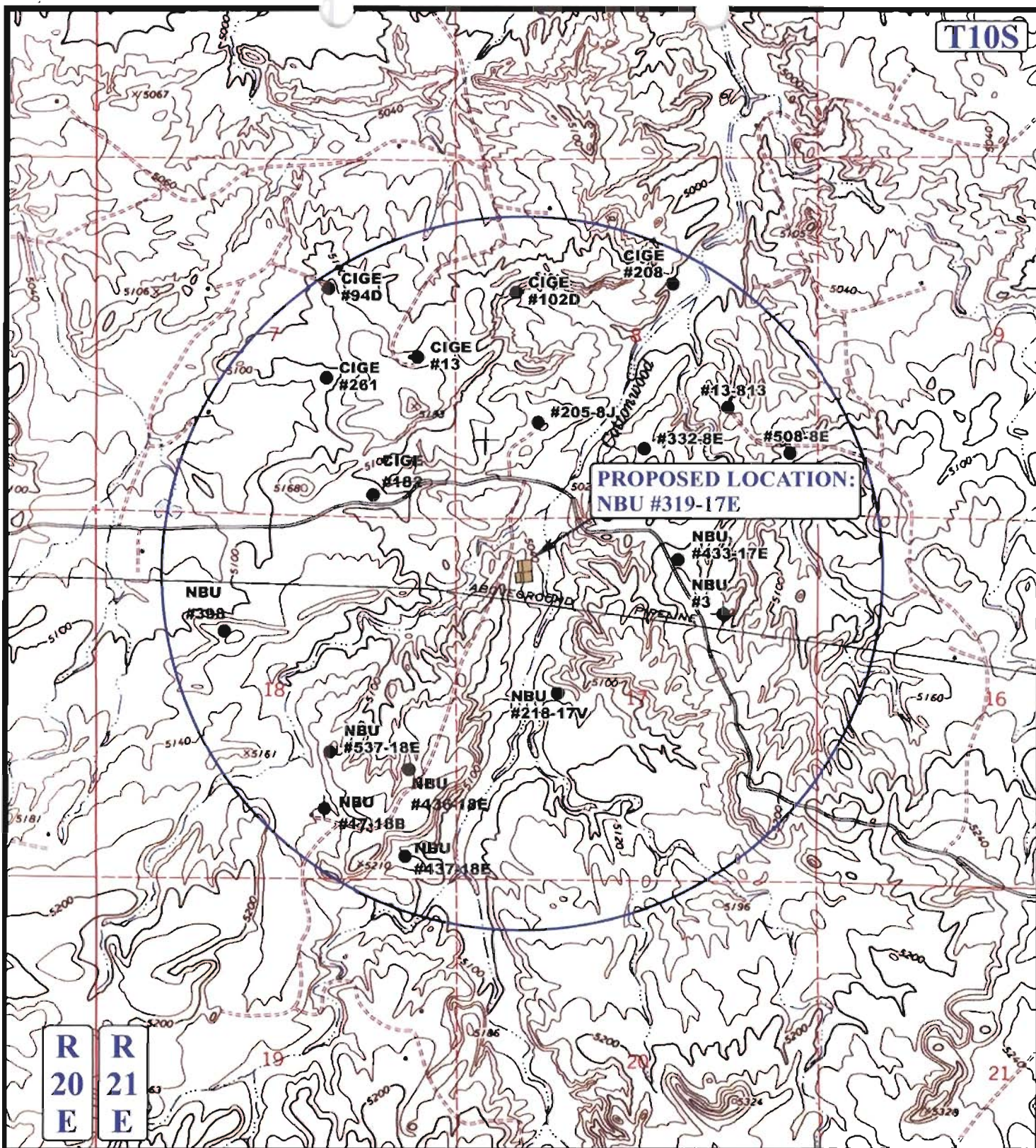
**TOPOGRAPHIC**  
**MAP**

**11 09 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00







# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



# EOG RESOURCES, INC.

NBU # 319-17E  
SECTION 17, T10S, R21E, S.L.B.&M.  
807' FNL 990' FWL



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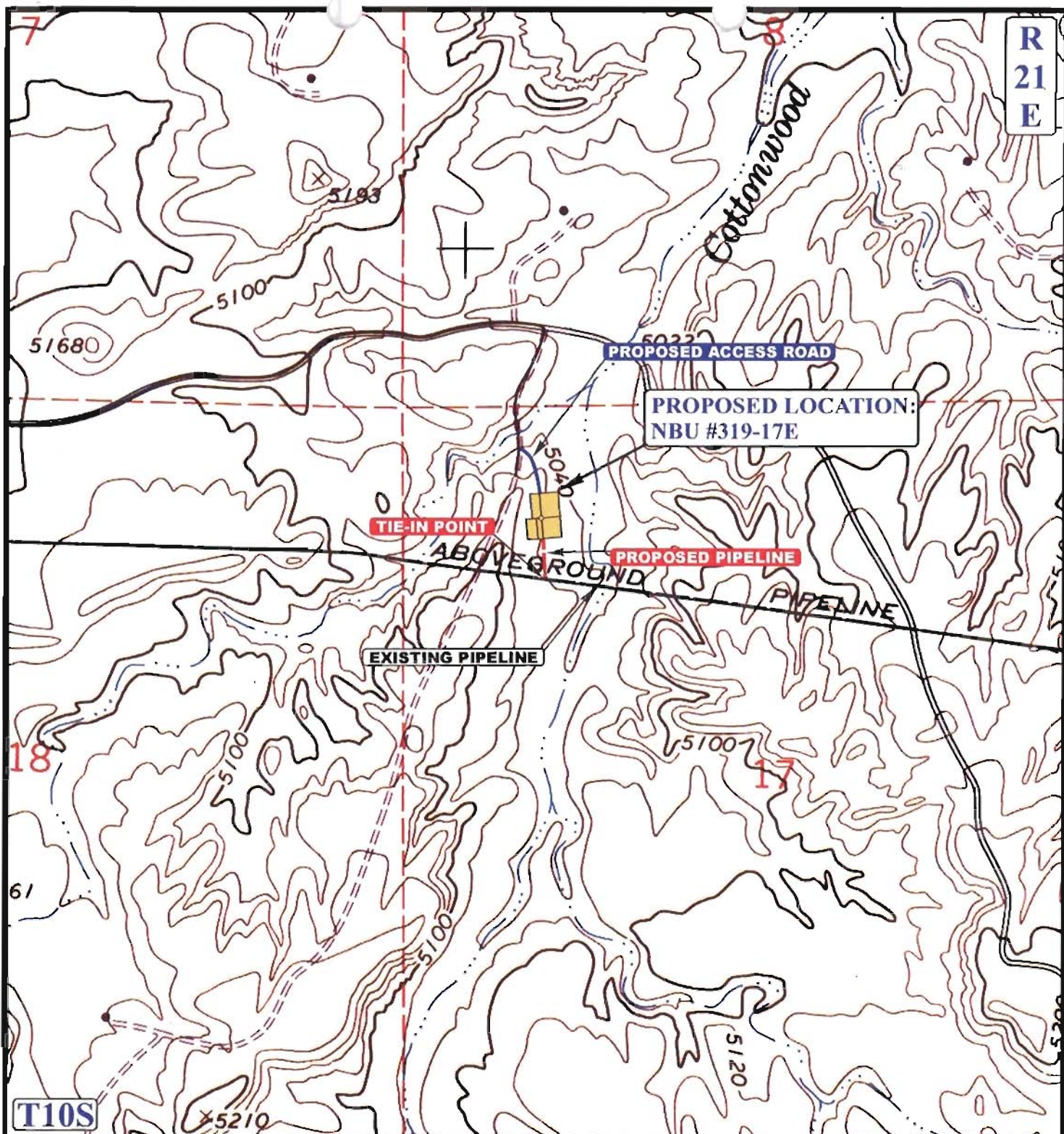
TOPOGRAPHIC  
MAP

11 09 05  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 358' +/-

#### LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - PROPOSED PIPELINE

EOG RESOURCES, INC.

NBU #319-17E

SECTION 17, T10S, R21E, S.L.B.&M.

807' FNL 990' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

11 09 05  
MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: B.C.

REVISED: 00-00-00

D  
TOPO

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/14/2005

API NO. ASSIGNED: 43-047-37511

WELL NAME: NBU 319-17E

OPERATOR: EOG RESOURCES INC ( N9550 )

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

**PROPOSED LOCATION:**

NWNW 17 100S 210E

SURFACE: 0807 FNL 0990 FWL

BOTTOM: 0807 FNL 0990 FWL

UINTAH

NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

**Tech Review**

**Initials**

**Date**

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-02270-A

SURFACE OWNER: 3 - State

PROPOSED FORMATION: PRRV

COALBED METHANE WELL? NO

LATITUDE: 39.95282

LONGITUDE: -109.5812

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[l] Ind[] Sta[] Fee[]  
(No. NM-2308 )

N Potash (Y/N)

Y Oil Shale 190-5 (B) or 190-3 or 190-13

L Water Permit  
(No. 49-1501 )

N RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

**LOCATION AND SITING:**

\_\_\_ R649-2-3.

Unit NATURAL BUTTES *ok*

\_\_\_ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 12-2-1999

Siting: then for a long & uncomm. road

\_\_\_ R649-3-11. Directional Drill

**COMMENTS:**

Natural Buttes (01-05-06)

**STIPULATIONS:**

1- Federal Approval  
2- OIL SHALE  
3- STATEMENT OF BASIS



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 17,18 T. 10S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

CAUSE: 173-14 / 12-2-1999

**Field Status**  
 [ ] ABANDONED  
 [ ] ACTIVE  
 [ ] COMBINED  
 [ ] INACTIVE  
 [ ] PROPOSED  
 [ ] STORAGE  
 [ ] TERMINATED

**Unit Status**  
 [ ] EXPLORATORY  
 [ ] GAS STORAGE  
 [ ] NF PP OIL  
 [ ] NF SECONDARY  
 [ ] PENDING  
 [ ] PI OIL  
 [ ] PP GAS  
 [ ] PP GEOTHERML  
 [ ] PP OIL  
 [ ] SECONDARY  
 [ ] TERMINATED

#### Wells Status

[ ] GAS INJECTION  
 [ ] GAS STORAGE  
 [ ] LOCATION ABANDONED  
 [ ] NEW LOCATION  
 [ ] PLUGGED & ABANDONED  
 [ ] PRODUCING GAS  
 [ ] PRODUCING OIL  
 [ ] SHUT-IN GAS  
 [ ] SHUT-IN OIL  
 [ ] TEMP. ABANDONED  
 [ ] TEST WELL  
 [ ] WATER INJECTION  
 [ ] WATER SUPPLY  
 [ ] WATER DISPOSAL  
 [ ] DRILLING



PREPARED BY: DIANA WHITNEY  
 DATE: 20-DECEMBER-2005

**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

**OPERATOR:** EOG RESOURCES INC.  
**WELL NAME & NUMBER:** Natural Buttes Unit 319-17E  
**API NUMBER:** 43-047-37511  
**LOCATION:** 1/4,1/4 NW/NW Sec: 17 TWP:10S RNG:21E 807 FNL 990 FWL

**Geology/Ground Water:**

The mineral rights at the proposed location are owned by the BLM. The BLM will be the agency responsible for evaluating the proposed drilling, casing and cementing program prior to well approval.

**Reviewer:** Brad Hill **Date:** 01-19-06

**Surface:**

The predrill investigation of the surface was performed on January 5, 2006. Jim Davis (SITLA) and Ben Williams (UDWR) were invited to this investigation on 12/21/2005. Both were present. Mr. Ed Trotter represented EOG Resources.

Mr. Williams stated the area is classified as critical yearlong habitat for antelope by the UDWR. However antelope forage in the area is not limited and the drilling and operation of this well should not have a significant impact on this species. No other wildlife species are expected to be affected.

This site appears to be the best site in the immediate area for a location and well.

**Reviewer:** Floyd Bartlett **Date:** 01/06/2006

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.



**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** EOG RESOURCES INC.

**WELL NAME & NUMBER:** Natural Buttes Unit 319-17E

**API NUMBER:** 43-047-37511

**LEASE:** FEDERAL U-02270-A **FIELD/UNIT:** NATURAL BUTTES UNIT

**LOCATION:** 1/4,1/4 NW/NW **Sec:** 17 **TWP:** 10S **RNG:** 21E 807 **FNL** 990 **FWL**

**LEGAL WELL SITING:** 460' from unit boundary and uncommitted tracts.

**GPS COORD (UTM):** X =621198; Y =4423275 **SURFACE OWNER:** STATE OF UTAH (SITLA)

**PARTICIPANTS**

FLOYD BARTLETT (DOGM), ED TROTTER (EOG). Jim Davis (SITLA), Ben Williams, (UDWR)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

General Area is Cottonwood Wash Drainage. It is characterized by rolling hills, which are frequently divided by somewhat gentle draws, which flow into Cottonwood Wash. Cottonwood Wash is an ephemeral drainage, which drains northerly approximately 9 miles to the White River. The draws are sometimes rimmed with steep side hills, which have exposed sand stone bedrock cliffs along the rims.

This location is approximately 14 miles southeast of Ouray, Ut. and is accessed by the Seep Ridge Road to the Uintah County Cottonwood Wash road then by oil field development roads to within 300 feet of the site.

The proposed location is on the east facing sideslope of a north-south ridge immediately west of Cottonwood Wash. Topography is gentle sloping with some minor draws leaving the location on the northeast corner.

**SURFACE USE PLAN**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: Construction of a well pad 325' by 200' plus a reserve pit 147' by 75' by 12 feet deep. Topsoil and reserve pit stockpiles are outside of the disturbed area. Access road is 300 feet in length.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Numerous wells are within a 1 mile radius. See TOPO C in APD.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline is 358 feet in length and will be laid on the surface following the access road and tie into an existing pipeline.

SOURCE OF CONSTRUCTION MATERIAL: All construction materials will come from the location.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as there are numerous other existing wells in the surrounding area.

**WASTE MANAGEMENT PLAN:**

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: The location is a desert shrub vegetation type. Common plants are shadscale, halogeton, curly mesquite, cheatgrass and rabbit brush. Common fauna is pronghorn, coyotes, songbirds, raptors, rodents, rabbits.

SOIL TYPE AND CHARACTERISTICS: Deep light brown gravelly sandy loam. Few surface rocks.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems. A diversion ditch will be constructed to divert a small drainage around the southwest side of the location.

PALEONTOLOGICAL POTENTIAL: Survey completed 12-1-2005 by IPC

**RESERVE PIT**

CHARACTERISTICS: 147' by 75' and 12' deep within an area of cut on the south west side of the location.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 mil liner will be required for reserve pit. Score of 25, Sensitivity Level II.

**SURFACE RESTORATION/RECLAMATION PLAN**

**AS PER SITLA.**

SURFACE AGREEMENT: **AS PER SITLA.**

CULTURAL RESOURCES/ARCHAEOLOGY: Completed by MOAC 12-1-2005. Copy furnished to SILA.

**OTHER OBSERVATIONS/COMMENTS**

Ben Williams representing the Utah Division of Wildlife Resources stated the area is classified as critical yearlong habitat for antelope.

Antelope forage in the area is not limited and the drilling and operation of this well should not have a significant impact on this species. No other wildlife species are expected to be affected.

**ATTACHMENTS**

Photos of this site were taken and placed on file.

Floyd Bartlett  
DOGM REPRESENTATIVE

01-05-2006 09:30 AM  
DATE/TIME

**. Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>10</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      25      (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.  
Sensitivity Level II = 15-19; lining is discretionary.  
Sensitivity Level III = below 15; no specific lining is required.





**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

May 1, 2006

EOG Resources, Inc.  
P O Box 1815  
Vernal, UT 84078

Re: Natural Buttes Unit 319-17E Well, 807' FNL, 990' FWL, NW NW, Sec. 17,  
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37511.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** EOG Resources, Inc.  
**Well Name & Number** Natural Buttes Unit 319-17E  
**API Number:** 43-047-37511  
**Lease:** U-02270-A

**Location:** NW NW                      **Sec.** 17                      **T.** 10 South                      **R.** 21 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.**

**6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU02270A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
NATURAL BUTTES UN

8. Well Name and No.  
NATURAL BUTTES UNIT 319-17E

9. API Well No.  
43-047-37511

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
EOG RESOURCES, INC. Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH ST., SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526  
Fx: 303-824-5527

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T10S R21E NWNW 807FNL 990FWL  
39.95282 N Lat, 109.58189 W Lon

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

TD for the subject well was reached on 9/9/2007. Pending further evaluation, completion operations will begin during the first quarter of 2008.

**RECEIVED**  
**OCT 01 2007**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #56550 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal**

**DIV. OF OIL, GAS & MINING**

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature

Date 09/27/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
U-02270-A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
EOG Resources, Inc.

3a. Address  
600 17th Street, Suite 1000N  
Denver, CO 80202

3b. Phone No. (include area code)  
303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
807' FNL & 990' FWL (NWNW)  
Sec. 17-T10S-R21E 39.952825 109.581886 LON

7. If Unit of CA/Agreement, Name and/or No.  
Natural Buttes Unit

8. Well Name and No.  
Natural Buttes Unit 319-17E

9. API Well No.  
43-047-37511

10. Field and Pool or Exploratory Area  
Natural Buttes/Wasatch/Mesaverde

11. Country or Parish, State  
Uintah County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Drilling operations</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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No completion work has been performed on the subject well. Pending further evaluation, completion operations will begin in the first quarter of 2008.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Mary A. Maestas

Title Regulatory Assistant

Signature

*Mary A. Maestas*

Date 10/17/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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(Instructions on page 2)

**RECEIVED**  
**OCT 19 2007**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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U-02270-A

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**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

7. If Unit of CA/Agreement, Name and/or No.  
Natural Buttes Unit

8. Well Name and No.  
Natural Buttes Unit 319-17E

2. Name of Operator  
EOG Resources, Inc.

9. API Well No.  
43-047-37511

3a. Address  
600 17th Street, Suite 1000N  
Denver, CO 80202

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10. Field and Pool or Exploratory Area  
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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
807' FNL & 990' FWL (NWNW)  
Sec. 17-T10S-R21E 39.952825 109.581886 LON

11. Country or Parish, State  
Utah County, Utah

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Drilling operations</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Mary A. Maestas

Title Regulatory Assistant

Signature

*Mary A. Maestas*

Date 11/27/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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(Instructions on page 2)

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NOV 29 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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☐ Oil Well ☒ Gas Well ☐ Other

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14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Mary A. Maestas

Title Regulatory Assistant

Signature

*Mary A. Maestas*

Date 02/11/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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(Instructions on page 2)

RECEIVED  
FEB 13 2008

DIV. OF OIL, GAS & MINING

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: EOG Resources, Inc

Today's Date: 02/14/2008

Well:

API Number:

Drilling Commenced:

See Attachment

43 047 37511  
NB4 319-17E  
10S 21E 17

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

Well:		API Number:	Commenced:
Pete's Wash 10-36	drlg rpts/wcr	4301333094	10/18/2006
Hoss 8-31	wcr	4304738606	11/30/2006
Simoleon 1-26GR	drlg rpts/wcr	4304737507	02/23/2007
Hoss 7-31	drlg rpts/wcr	4304738669	02/23/2007
E Chapita 8-16	drlg rpts/wcr	4304736815	03/17/2007
Hoss 1-36	drlg rpts/wcr	4304738612	03/22/2007
Hoss 11-31	drlg rpts/wcr	4304738670	03/24/2007
Hoss 35-30	drlg rpts/wcr	4304738706	03/24/2007
Hoss 36-30	drlg rpts/wcr	4304738763	03/24/2007
Hoss 21-32	drlg rpts/wcr	4304738714	04/09/2007
Hoss 20-32	drlg rpts/wcr	4304738717	04/17/2007
Hoss 23-32	drlg rpts/wcr	4304738716	04/25/2007
Hoss 4-36	drlg rpts/wcr	4304738609	05/03/2007
Hoss 32-30	drlg rpts/wcr	4304738701	06/12/2007
Hoss 37-30	drlg rpts/wcr	4304738709	06/12/2007
NBU 319-17E	drlg rpts/wcr	4304737511	07/05/2007
NBU 557-18E	drlg rpts/wcr	4304737513	07/07/2007
Hoss 38-30	drlg rpts/wcr	4304738708	07/11/2007
CWU 1237-21	wcr	4304738078	07/27/2007
Hoss 58-35	drlg rpts/wcr	4304738888	08/03/2007
Hoss 31-30	drlg rpts/wcr	4304738702	08/10/2007
Hoss 63-31	drlg rpts/wcr	4304738960	08/10/2007
NBU 556-18E	drlg rpts/wcr	4304737514	08/13/2007
CWU 957-32	drlg rpts/wcr	4304736486	08/16/2007
NBU 555-18E	drlg rpts/wcr	4304737685	08/19/2007
Hoss 62-36	drlg rpts/wcr	4304738972	08/28/2007
NBU 438-19E	drlg rpts/wcr	4304737534	08/31/2007
N Chapita 284-6	drlg rpts/wcr	4304737716	09/05/2007
CWU 1031-32	drlg rpts/wcr	4304737720	09/10/2007
Hoss 64-36	drlg rpts/wcr	4304738964	09/13/2007
CWU 963-33	drlg rpts/wcr	4304738961	09/14/2007
NBU 565-30E	drlg rpts/wcr	4304737533	09/20/2007
CWU 1328-32	drlg rpts/wcr	4304739301	09/27/2007
N Chapita 339-34	drlg rpts/wcr	4304738061	10/04/2007
NBU 562-19E	drlg rpts/wcr	4304737536	10/08/2007
CWU 1112-27	drlg rpts/wcr	4304737384	10/09/2007



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
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7. If Unit or CA/Agreement, Name and/or No.  
NATURAL BUTTES UN8. Well Name and No.  
NATURAL BUTTES UNIT 319-17E9. API Well No.  
43-047-3751110. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV11. County or Parish, and State  
UINTAH COUNTY, UT**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
EOG RESOURCES INCContact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 802023b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T10S R21E NWNW 807FNL 990FWL  
39.95282 N Lat, 109.58189 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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The referenced well was turned to sales on 2/12/2008. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #58607 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature

(Electronic Submission)

Date 02/13/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

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**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*****RECEIVED****FEB 15 2008**

DIV. OF OIL, GAS &amp; MINING

# WELL CHRONOLOGY REPORT

Report Generated On: 02-13-2008

<b>Well Name</b>	NBU 319-17E	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	NATURAL BUTTES UNIT	<b>API #</b>	43-047-37511	<b>Well Class</b>	1SA
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	08-29-2007	<b>Class Date</b>	02-12-2008
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,900/ 9,900	<b>Property #</b>	031311
<b>Water Depth</b>	0	<b>Last CSG</b>	0.0	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	5,076/ 5,057				
<b>Location</b>	Section 17, 10S, R21E, NWNW, 807 FNL & 990 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	66.667	<b>NRI %</b>	48.228

AFE No		303796		AFE Total		2,091,300		DHC / CWC		1,010,500/ 1,080,800					
Rig Contr		PIONEER		Rig Name		PIONEER #59		Start Date		01-17-2006		Release Date		09-10-2007	
01-17-2006		Reported By													
Daily Costs: Drilling		\$0		Completion		\$0		Daily Total		\$0					
Cum Costs: Drilling		\$0		Completion		\$0		Well Total		\$0					
MD		0		TVD		0		Progress		0		Days		0	
								MW		0.0		Visc		0.0	
Formation :				PBTD : 0.0				Perf :				PKR Depth : 0.0			

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA

807' FNL & 990' FEL (NW/NW)  
SECTION 17, T10S, R21E  
UINTAH COUNTY, UTAH

LAT 39.952861, LONG 109.581197

RIG: PIONEER #59  
OBJECTIVE: 9900' TD, MESAVERDE  
DW/GAS  
NATURAL BUTTES DEEP PROSPECT  
DD&A: CHAPITA DEEP  
NATURAL BUTTES FEILD

LEASE: U-02270-A

ELEVATION: 5059.1' NAT GL, 5057.2' PREP GL( DUE TO ROUNDING THE PREP GL WILL BE 5057'), 5076' KB (19')

EOG WI 66.6667%, NRI 48.228309%

<b>06-04-2007</b>	<b>Reported By</b>	TERRY CSERE			
<b>Daily Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$38,000

<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
<b>Activity at Report Time: BUILD LOCATION</b>					

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	LOCATION STARTED.

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**06-05-2007**      **Reported By**      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
<b>Activity at Report Time: BUILD LOCATION</b>					

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	LOCATION STARTED.

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**06-06-2007**      **Reported By**      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
<b>Activity at Report Time: BUILD LOCATION</b>					

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	LOCATION 40% COMPLETE.

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**06-07-2007**      **Reported By**      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
<b>Activity at Report Time: BUILD LOCATION</b>					

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	PUSHING OUT PIT.

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**06-08-2007**      **Reported By**      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
<b>Activity at Report Time: BUILD LOCATION</b>					

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	ROCKED OUT.

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**06-11-2007**      **Reported By**      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
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<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

06-12-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

06-13-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING.

06-14-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING.

06-15-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES IN ROCK.

06-18-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
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<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING WEDNESDAY.

06-19-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING WEDNESDAY.

06-20-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING TODAY.

06-21-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

06-22-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

06-25-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
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<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. NO LINER.

07-06-2007 Reported By KAYLENE GARDNER

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	40	<b>TVD</b>	40	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIG'S ROUSTABOUT SERVICE SPUD A 20" HOLE ON 7/5/2007 @ 10:00 AM. SET 40' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED RACHEAL MEDINA W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 7/5/2007 @ 9:00 AM.

07-18-2007 Reported By JERRY BARNES

<b>Daily Costs: Drilling</b>	\$189,014	<b>Completion</b>	\$0	<b>Daily Total</b>	\$189,014
<b>Cum Costs: Drilling</b>	\$227,014	<b>Completion</b>	\$0	<b>Well Total</b>	\$227,014
<b>MD</b>	2,435	<b>TVD</b>	2,435	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU PRO PETRO AIR RIG #9 ON 7/12/2007. DRILLED 12-1/4" HOLE TO 2460' GL. ENCOUNTERED WATER @ 90' & 1350'. RAN 60 JTS (2416.95') OF 9-5/8", 36.0#/ FT, J-55, ST&C CASING WITH TOP-CO GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2435' KB. RAN 100' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 175 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (149.6 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & 1/4 #/SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/ YIELD OF 3.82 CF/SX.

TAILED IN W/ 200 SX (40.9 BBLS) OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/ SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/183.6 BBLS FRESH WATER. BUMPED PLUG W/920# @ 8:48 AM, 7/15/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE PARTIAL RETURNS 10 BBLS INTO LEAD CEMENT. LOST COMPLETE RETURNS 149 BBLS INTO LEAD CEMENT. RE-ESTABLISHED CIRCULATION 83 BBLS INTO DISPLACEMENT. HOLE FELL BACK WHEN PLUG BUMPED. NO CEMENT TO SURFACE.

TOP JOB # 1: PUMP DOWN 100' OF 1" PIPE. MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/3% CaCl2 & 1/4#/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED BUT FELL BACK WHEN PUMPING STOPPED. WOC 2 HRS 55 MINUTES.

TOP JOB # 2: MIXED & PUMPED 75 SX (15.3 BBLS) OF PREMIUM CEMENT W/3% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 1 HRS 30 MINUTES.

TOP JOB # 3: MIXED & PUMPED 75 SX (15.3 BBLs) OF PREMIUM CEMENT W/3% CACL2 & 1/4# SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PRETO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

RAN SURVEY @ 2230', 3 1/2 DEGREE. TAGGED @ 2240'.

KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 7/13/2007 @ 4:00 PM.

08-28-2007		Reported By		JIM LOUDERMILK							
Daily Costs: Drilling		\$79,520		Completion		\$0		Daily Total		\$79,520	
Cum Costs: Drilling		\$306,534		Completion		\$0		Well Total		\$306,534	
MD	2,435	TVD	2,435	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: RURT											
Start	End	Hrs	Activity Description								
06:00	07:30	1.5	PREPARE FOR TRUCKS.								
07:30	18:30	11.0	HSM WITH R.W. JONES TRUCKING & RIG CREWS. MOVED RIG 17.2 MILES FROM THE OSCUII 126-34 TO THE NBU 319-17E ON 8/27/2007, UTILIZING 10 TRUCKS & 2 FORK LIFTS. RELEASED TRUCKS ON 8/27/2007 @ 18:30 HRS.								
18:30	06:00	11.5	W.O. DAYLIGHT.								

RIG MOVE COSTS ARE ESTIMATED AND WILL BE ADJUSTED UPON INVOICING.

THE LEASE ROAD, LOCATION AND IMMEDIATE SURROUNDING AREA OF THE OSCU II 126-34 ARE CLEAN AND FREE OF DEBRIS.

TRANSFERRED FROM THE OSCUII 126-34 TO THE NBU 319-17E.

7 JTS (301.66' NET), AND 1 LJT, (23' NET), OF 4.5"-11.6#-HCP110-LTC CASING.

2613 GAL #2 DIESEL FUEL.

CREWS; FULL / NO ACCIDENTS REPORTED.

BWT

08-29-2007		Reported By		JIM LOUDERMILK							
Daily Costs: Drilling		\$25,931		Completion		\$681		Daily Total		\$26,612	
Cum Costs: Drilling		\$332,465		Completion		\$681		Well Total		\$333,146	
MD	2,435	TVD	2,435	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: TEST CASING.											
Start	End	Hrs	Activity Description								
06:00	07:00	1.0	W.O. DAYLIGHT.								
07:00	08:30	1.5	RURT / STRING CORDS.								

08:30 11:30 3.0 DSI ON LOCATION TO REPLACE RAISING RAMS ON DERRICK. REMOVE 8.5" RAMS AND ATTEMPT TO INSTALL 9" RAMS. DSI'S STRUCTURAL ENGINEER RECOMMENDS NOT REPLACING RAMS AT THIS TIME DUE TO SIZE, OBSTRUCTIONS & TIME CONSIDERATION.

11:30 22:00 10.5 RURT / PREPARE TO SPUD.

22:00 00:00 2.0 NU BOP / DAYWORK BEGINS ON 8/28/2007 @ 22:00 HRS.

00:00 06:00 6.0 TESTED PIPE RAMS, BLIND RAMS, HCR, CHOKE VALVE, CHOKE LINE & MANIFOLD AND KILL LINE VALVES TO 5000 PSI FOR 10 MINUTES. TESTED UPPER & LOWER KELLY COCKS, FLOOR VALVE & INSIDE BOP TO 5000 PSI FOR 10 MINUTES. TESTED ANNULAR PREVENTER TO 2500 PSI FOR 10 MINUTES. PERFORMED ACCUMULATOR FUNCTION TEST, INITIAL ACCUMULATOR PRESSURE WAS 2800 PSI & 1700 PSI AFTER FUNCTION TEST. TESTED CASING TO 1500 PSI FOR 30 MINUTES. INSTALLED WEAR BUSHING.

NOTIFIED JAMIE SPARGER,(VIA VOICE MAIL), WITH THE BLM'S VERNAL FIELD OFFICE ON 8/28/2007 @ 08:00 OF BOP TEST TO TAKE PLACE ON 8/29/2007 @ 01:00+/-

NO BLM REP ON LOCATION TO WITNESS TEST.

CREWS: FULL / NO ACCIDENTS REPORTED / HSM: RURT, SLIPS, TRIPS & FALLS.

2000 GAL #2 DIESEL FUEL.

<b>08-30-2007</b>		<b>Reported By</b>		<b>JIM LOUDERMILK</b>							
<b>Daily Costs: Drilling</b>		\$62,439		<b>Completion</b>		\$0		<b>Daily Total</b>		\$62,439	
<b>Cum Costs: Drilling</b>		\$394,904		<b>Completion</b>		\$681		<b>Well Total</b>		\$395,585	
<b>MD</b>	3,360	<b>TVD</b>	3,360	<b>Progress</b>	925	<b>Days</b>	1	<b>MW</b>	9.0	<b>Visc</b>	30.0
<b>Formation :</b>		<b>PBTD : 0.0</b>				<b>Perf :</b>		<b>PKR Depth : 0.0</b>			

**Activity at Report Time:** DRLG AHEAD @ 3360;.

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	07:00	1.0	FINISH CASING TEST/ RD TESTER.
07:00	08:00	1.0	SLIP & CUT DRILL LINE / ONE COMPLETE STRAND BURNED THROUGH ON RIG MOVE. FAST LINE LANDED ON BATTERIES DURING RIG MOVE. BATTERY BOXES ABND COVERS TO BE MADE PRIOR TO NEXT RIG MOVE.
08:00	09:00	1.0	HSM WITH WEATHERFORD & RU.
09:00	13:00	4.0	PU BHA & DP. RAN HUNTING .16 RPG & REED HYC 2004 A-1 PDC BIT.
13:00	14:30	1.5	PRESPUDD INSPECTION. FINISH FLARE LINES & GAS BUSTER, PIN STAIRS & INSTALL GROUNDING RODS.
14:30	16:00	1.5	DRILL CEMENT / FLOAT EQUIP & 5' OF FORMATION. TAG CEMENT @ 2375', FLOAT @ 2395', SHOE @ 2435'.
16:00	16:30	0.5	PERFORM 12.5 PPG EMW TEST, (450 PSI), @ 2440'. PRESSURED UP TO 490 PSI, SLOW BLEED TO 460 PSI AND HELD FOR 15 MINUTES. FUNCTIONED ANNULAR PREVENTER, HCR & REMOTE CHOKE.
16:30	17:00	0.5	WLS / 3.8 DEGREES @ 2360'.
17:00	22:00	5.0	DRILLED 2440'-2850', (12-22K / 50 RPM-85 MTR / 530 GPM), 82 FPH. SPUD ON 8/29/2007 @ 17:00
22:00	22:30	0.5	WLS 2.1 DEGREES @ 2781'.
22:30	06:00	7.5	DRILLED 2850'-3360', (12-22K / 50 RPM-85 MTR / 530 GPM), 68 FPH. VIS 30, WT 9.0.

CREWS: FULL / NO ACCIDENTS REPORTED / HSM: PU TUBULARS, PINCH POINTS.

MUD LOGGER ON LOCATION 8/28/2007 - OPERATIONAL ON 8/29/2007 @ 00:01.

FUEL: 6098 GAL. RECEIVED: 4500 GAL.

HELD BOP DRILL AT 2230 HRS.

BWT



06:00 18.0 SPUD 7-7/8" HOLE AT 17:00 HRS, 8/29/07

**08-31-2007**      **Reported By**      JIM LOUDERMILK

<b>Daily Costs: Drilling</b>	\$39,653	<b>Completion</b>	\$0	<b>Daily Total</b>	\$39,653
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<b>Cum Costs: Drilling</b>	\$434,557	<b>Completion</b>	\$681	<b>Well Total</b>	\$435,238
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<b>MD</b>	5,020	<b>TVD</b>	5,020	<b>Progress</b>	1,660	<b>Days</b>	2	<b>MW</b>	9.5	<b>Visc</b>	33.0
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**Formation :**      **PBTD : 0.0****Perf :****PKR Depth : 0.0****Activity at Report Time:** DRLG AHEAD @ 5020'.

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
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06:00	11:30	5.5	DRILLED 3360'-3735', (12-22K / 50 RPM / 62-85 MTR / 385-530 GPM), 68.2 FPH.
11:30	12:00	0.5	SERVICE RIG / FUNCTION ANNULAR PREVENTER / CHECK COM.
12:00	14:00	2.0	DRILLED 3735'-3895', (18-24K / 50 RPM / 62-85 MTR / 385-530 GPM), 80 FPH.
14:00	14:30	0.5	WLS / 1.9 DEGREES @ 3816'.
14:30	06:00	15.5	DRILLED 3895'-5020', (18-24K / 50 RPM / 62-85 MTR / 385-530 GPM), 72.6FPH. VIS 32 WT 9.5.
			MTR #1: 23 / 35.5.
			CREWS: FULL / NO ACCIDENTS REPORTED / HSM: HOUSEKEEPING.
			FUEL: 5068 GAL. USED:1030 GAL.

**09-01-2007**      **Reported By**      JIM LOUDERMILK

<b>Daily Costs: Drilling</b>	\$32,567	<b>Completion</b>	\$0	<b>Daily Total</b>	\$32,567
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<b>Cum Costs: Drilling</b>	\$467,125	<b>Completion</b>	\$681	<b>Well Total</b>	\$467,806
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<b>MD</b>	6,260	<b>TVD</b>	6,260	<b>Progress</b>	1,240	<b>Days</b>	3	<b>MW</b>	9.7	<b>Visc</b>	34.0
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**Formation :**      **PBTD : 0.0****Perf :****PKR Depth : 0.0****Activity at Report Time:** DRILLING @ 6260'.

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
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06:00	09:30	3.5	DRILLED 5020'-5255', (18-24K / 50 RPM / 62-85 MTR / 385-530 GPM), 67.2 FPH.
09:30	10:00	0.5	SERVICE RIG / FUNCTION PIPE RAMS / CHECK COM.
10:00	06:00	20.0	DRILLED 5255'-6260', (18-24K / 50 RPM-62 MTR / 385 GPM), 50.3 FPH. VIS 35, WT 9.8.
			MTR #1: 23.5 / 59.
			CREWS: FULL / NO ACCIDENTS REPORTED / HSM: BRAKE CHECK & MAINTAINENCE.
			FUEL: 3960 GAL. USED:1108 GAL.

**09-02-2007**      **Reported By**      JIM LOUDERMILK

<b>Daily Costs: Drilling</b>	\$39,828	<b>Completion</b>	\$0	<b>Daily Total</b>	\$39,828
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<b>Cum Costs: Drilling</b>	\$506,954	<b>Completion</b>	\$681	<b>Well Total</b>	\$507,635
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<b>MD</b>	6,730	<b>TVD</b>	6,730	<b>Progress</b>	440	<b>Days</b>	4	<b>MW</b>	10.1	<b>Visc</b>	34.0
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**Formation :**      **PBTD : 0.0****Perf :****PKR Depth : 0.0****Activity at Report Time:** DRILLING @ 6730'.

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
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06:00	14:00	8.0	DRILLED 6260'-6560', (18-24K / 50 RPM-62 MTR / 385 GPM), 37.5 FPH. VIS 35, WT 9.8.
			MTR #1: 8 / 67.
14:00	14:30	0.5	SERVICE RIG / FUNCTION PIPE RAMS / CHECK COM.
14:30	15:00	0.5	MIX & PUMP PILL / DROP SURVEY.
15:00	19:00	4.0	TRIP OUT WITH BIT #1, INCORRECT JOINT COUNT, 30' DEPTH CORRECTION MADE, (DEEPER) / NO TROUBLES. BIT HAS WORN & CHIPPED SHOULDER CUTTERS. BIT IS REPAIRABLE.
19:00	19:30	0.5	CHANGE OUT MOTORS & LD REAMERS. PU HUNTING ESXII .16 MTR & STC MI616 BIT.

19:30 00:00 4.5 TRIP IN WITH BIT #2 / NO TROUBLE.  
 00:00 00:30 0.5 REAM 30' TO BOTTOM / NO FILL.  
 00:30 06:00 5.5 DRILLED 6590'-6730', (18-24K / 50 RPM-62 MTR / 385 GPM), 25.5 FPH. VIS 36, WT 10.2.  
 MTR #2: 5.5, ROT HRS: 72.5.  
 CREWS: FULL / NO ACCIDENTS REPORTED / HSM: TRIPPING & PINCH POINTS.  
 FUEL: 3168 GAL. USED:792 GAL.

**09-03-2007**      **Reported By**      JIM LOUDERMILK

**Daily Costs: Drilling**      \$28,989      **Completion**      \$0      **Daily Total**      \$28,989

**Cum Costs: Drilling**      \$535,943      **Completion**      \$681      **Well Total**      \$536,624

**MD**      7,445      **TVD**      7,445      **Progress**      715      **Days**      5      **MW**      10.1      **Visc**      37.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 7445'.

**Start**      **End**      **Hrs**      **Activity Description**

06:00 16:00 10.0 DRILLED 6730'-7080', (18-24K / 50 RPM-62 MTR / 385 GPM), 35 FPH.  
 16:00 16:30 0.5 SERVICE RIG / FUNCTION PIPE RAMS / CHECK COM.  
 16:30 06:00 13.5 DRILLED 7080'-7445', (18-24K / 50 RPM-62 MTR / 385 GPM), 27.1 FPH. VIS 38, WT 10.3.  
 MTR #2: 23.5 / 29, ROT HRS: 96.  
 CREWS: FULL / NO ACCIDENTS REPORTED / HSM: TEAMWORK & COMMUNICATION.  
 FUEL: 2138 GAL. USED:1030 GAL.

**09-04-2007**      **Reported By**      JIM LOUDERMILK

**Daily Costs: Drilling**      \$44,221      **Completion**      \$0      **Daily Total**      \$44,221

**Cum Costs: Drilling**      \$580,164      **Completion**      \$681      **Well Total**      \$580,845

**MD**      7,925      **TVD**      7,925      **Progress**      480      **Days**      6      **MW**      10.1      **Visc**      42.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 7925'.

**Start**      **End**      **Hrs**      **Activity Description**

06:00 07:30 1.5 DRILLED 7445'-7490', (18-24K / 50 RPM-62 MTR / 385 GPM), 30 FPH.  
 07:30 08:00 0.5 SERVICE RIG / FUNCTION PIPE RAMS / CHECK COM.  
 08:00 06:00 22.0 DRILLED 7490'-7925', (18-26K / 50 RPM-62 MTR / 385 GPM), 19.8 FPH. VIS 38, WT 10.2.  
 MTR #2: 23.5 / 52.5, ROT HRS: 119.5.

CREWS: FULL / NO ACCIDENTS REPORTED / HSM: RETURN TO WORK, (AWARENESS).

FUEL: 4197 GAL. USED:941 GAL. RECEIVED: 3000 GAL

**09-05-2007**      **Reported By**      JIM LOUDERMILK

**Daily Costs: Drilling**      \$38,321      **Completion**      \$0      **Daily Total**      \$38,321

**Cum Costs: Drilling**      \$618,485      **Completion**      \$681      **Well Total**      \$619,166

**MD**      8,100      **TVD**      8,100      **Progress**      175      **Days**      7      **MW**      10.3      **Visc**      40.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** TRIP IN WITH BIT #3.

**Start**      **End**      **Hrs**      **Activity Description**

06:00 14:00 8.0 DRILLED 7925'-8060', (18-26K / 50 RPM-62 MTR / 385 GPM), 16.9 FPH.  
 14:00 14:30 0.5 SERVICE RIG / FUNCTION PIPE RAMS / CHECK COM.

14:30	17:30	3.0 DRILLED 8060'-8100', (18-26K / 50 RPM-62 MTR / 385 GPM), 13.3 FPH.
17:30	18:00	0.5 PUMP PILL / DROP SURVEY.
18:00	23:30	5.5 TRIP OUT WITH BIT #2. SLOW ROP & PUMP PRESSURE INCREASE. CORRECT JOINT COUNT / FUNCTIONED BLIND RAMS / NO TROUBLES.
23:30	00:30	1.0 CHECK SURVEY, CHANGE OUT MOTORS, PU BIT #3 / FUNCTIONED BLIND RAMS. MOTOR #2 APPEARS TO BE OK. BIT #2 HAD ONE JET PLUGGED WITH SASH CORD AND ONE HAD A SMALL METAL FRAGMENT IN IT, DEBRIS CAME FROM MUD TANKS OR PUMPS.
00:30	03:00	2.5 TRIP IN WITH BIT #3.
03:00	05:00	2.0 SLIP & CUT DRILL LINE.
05:00	06:00	1.0 TRIP IN WITH BIT #3. VIS 40, WT 10.3.

MTR #2: 11 / 63.5, ROT HRS: 130.5.

CREWS: FULL / NO ACCIDENTS REPORTED / HSM: TRIPPING &amp; PINCH POINTS.

FUEL: 3326 GAL. USED: 871 GAL

<b>09-06-2007</b>	<b>Reported By</b>	DUANE C WINKLER									
<b>Daily Costs: Drilling</b>	\$27,846	<b>Completion</b>	\$9,593	<b>Daily Total</b>	\$37,439						
<b>Cum Costs: Drilling</b>	\$646,463	<b>Completion</b>	\$10,274	<b>Well Total</b>	\$656,737						
<b>MD</b>	8,896	<b>TVD</b>	8,896	<b>Progress</b>	796	<b>Days</b>	8	<b>MW</b>	10.4	<b>Visc</b>	44.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	08:30	2.5	TRIP IN HOLE WITH BIT
08:30	13:00	4.5	DRILLED 8100' TO 8217', (117'), ROP 26, MW 10.4, VIS 44, GPM 380, NO LOSS/GAIN
13:00	13:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC
13:30	06:00	16.5	DRILLED 8217' TO 8896', (679'), ROP 41, MW 10.8, VIS 38, GPM 375, NO LOSS/GAIN

NO ACCIDENTS / INCIDENTS, FULL CREWS, NO RIG REPAIRS, SAFETY MEETING # 1 TRIPPING PIPE, SAFETY MEETING # 2 PINCH POINTS,

FUEL ON HAND 2534 GLS, USED 792,

MUD LOGGER ON LOCATION

<b>09-07-2007</b>	<b>Reported By</b>	DUANE C WINKLER									
<b>Daily Costs: Drilling</b>	\$55,830	<b>Completion</b>	\$0	<b>Daily Total</b>	\$55,830						
<b>Cum Costs: Drilling</b>	\$702,294	<b>Completion</b>	\$10,274	<b>Well Total</b>	\$712,568						
<b>MD</b>	9,113	<b>TVD</b>	9,113	<b>Progress</b>	217	<b>Days</b>	9	<b>MW</b>	10.8	<b>Visc</b>	38.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: BIT TRIP / WASH TO BTM.

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILLED 8896' TO 9103', (207), ROP 29, MW 10.8, VIS 38, GPM 380, NO LOSS/GAIN
13:00	13:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC
13:30	16:00	2.5	DRILLED 9103' TO 9113', (10'), ROP 4, ,MW 10.9, VIS 38, GPM 380, NO LOSS/GAIN
16:00	22:00	6.0	TRIP OUT OF HOLE FOR BIT, REPLACE MUD MOTOR AND BIT

22:00 06:00 8.0 TRIP IN HOLE WITH BIT, WASH AND REAM 4100-4140' & 8975'-9035', NUMEROUS TIGHT SPOTS, ACTING LIKE PUSHING SOMETHING DOWN. NO SIGNIFICANT SHALE ON BU.  
MW 10.8, VIS 38, NO LOSS/GAIN

NO ACCIDENTS / INCIDENTS, FULL CREWS, NO RIG REPAIRS, SAFETY MEETING # 1 TRIPPING PIPE, SAFETY MEETING # 2 PINCH POINTS, FUEL ON HAND NOT AVAILABLE 2534 GLS, USED 792, MUD LOGGER ON LOCATION

09-08-2007 Reported By DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$34,215	<b>Completion</b>	\$0	<b>Daily Total</b>	\$34,215
<b>Cum Costs: Drilling</b>	\$736,610	<b>Completion</b>	\$10,274	<b>Well Total</b>	\$746,884
<b>MD</b>	9,555	<b>TVD</b>	9,555	<b>Progress</b>	442
<b>Days</b>	10	<b>MW</b>	10.9	<b>Visc</b>	37.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	WASH/REAM FROM 8973' TO 9113' (140'), MW 10.9, VIS 38, GPM 390, NO LOSS/GAIN
07:00	14:30	7.5	DRILLED 9113' TO 9261' (148'), ROP 20, MW 11.0, VIS 40, GPM 380, NO LOSS/GAIN, DRILLING WITH 10' FLARE
14:30	15:00	0.5	SERVICE RIG, CHECK-CROWN-MATIC
15:00	06:00	15.0	DRILLED 9261' TO 9550', (294'), ROP 19, (NO FLARE) MW 11.2, VIS 43, GPM 386, NO LOSS/GAIN

NO ACCIDENTS / INCIDENTS, FULL CREWS, NO RIG REPAIRS, SAFETY MEETING # 1 MIXING CHEMICALS, SAFETY MEETING # 2 PUMP MAINTENANCE, FUEL ON HAND 2296 GLS, USED 780 GLS, MUD LOGGER ON LOCATION

09-09-2007 Reported By DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$47,096	<b>Completion</b>	\$108,900	<b>Daily Total</b>	\$155,996
<b>Cum Costs: Drilling</b>	\$783,707	<b>Completion</b>	\$119,174	<b>Well Total</b>	\$902,881
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	345
<b>Days</b>	11	<b>MW</b>	11.0	<b>Visc</b>	49.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: LAY DOWN DRILL PIPE

Start	End	Hrs	Activity Description
06:00	10:00	4.0	DRILLED 9555' TO 9609', (54'), ROP 13, MW 11, VIS 40, GPM 380, NO LOSS/GAIN
10:00	10:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC
10:30	01:30	15.0	DRILLED 9609' TO 9900' TD, (291'), ROP 19, MW 11.3, VIS 42, GPM 380, NO LOSS/GAIN, (9300' TO 9600' DRILL WITH 6' FLARE). REACHED TD AT 01:30 HRS, 9/9/2007.
01:30	02:30	1.0	CIRCULATE / SHORT TRIP, WELL BORE GOOD CONDITION, MW 11.4, VIS 42
02:30	04:00	1.5	CIRCULATE, SAFETY MEETING, SET UP LAY DOWN EQUIPMENT, NO ACCIDENTS / INCIDENTS, FULL CREWS, NO RIG REPAIRS, SAFETY MEETING # 1 SCRUBBING, SAFETY MEETING # 2 THIRD PARTY CONTRACTORS, FUEL ON HAND 1267 GLS, USED 1029 GLS, MUD LOGGER ON LOCATION,
04:00	06:00	2.0	LAY DOWN DRILL PIPE, (9/9/2007 @ 0400, CASING POINT)

09-10-2007 Reported By DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$106,235	<b>Completion</b>	\$74,730	<b>Daily Total</b>	\$180,965
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$193,904	<b>Well Total</b>	\$1,083,846
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0
<b>Days</b>	12	<b>MW</b>	11.8	<b>Visc</b>	47.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	13:30	7.5	LAY DOWN DRILL PIPE AND BHA
13:30	15:30	2.0	THIRD PARTY SAFETY MEETING, SET UP CASING EQUIPMENT
15:30	23:30	8.0	RAN 226 JTS 4.5 X 11.6 #, HC P-110 LTC CASING, FLOAT SHOE @ 9889' KB, FLOAT COLLAR @ 9842', MARKER JOINTS @ 7003', & 3985' TOPS, CENTRALIZE 5' ABOVE SHOE ON JOINT # 1, TOP OF JOINT # 2, THEN EVERY 3RD JOINT, (40 CENTRALIZERS), NOTIFIED JAMIE SPARGER, BLM'S VERNAL OFFICE ON 9/9/2007 @ 0700 OF RUN CASING AND CEMENTING
00:00	01:00	1.0	CIRCULATE, RIG DOWN PICK UP EQUIPMENT, THIRD PARTY SAFETY MEETING, RIG UP SCHLUMBERGER
01:00	03:00	2.0	CEMENT : TEST LINES TO 5000 PSI. PUMP 20 BBLS CHEMICAL WASH, 20 BW. LEAD CMT 335 SKS, 135 BBLS, 35/65 POZ W/ 6% D020+ 2% D174+ .125 lb/sk D130+ .2% D046+ .75% D112+ .3% D013 MIXED AT 12.0 PPG. TAIL CMT 1760 SKS, 404 BBLS, 50/50 POZ W/ 2% D020+ .2% D065+ .2% D167+ .1% D046+ .1% D013 MIXED AT 14.1 PPG. DISPLACE W/ 153 BBLS WATER W/ 2% CLAY STABILIZER AT 7 BPM.. BUMPED PLUG W/ 1000 PSI OVER. FLOATS HELD. HAD FULL RETURNS THROUGH OUT JOB. NO CEMENT TO SURFACE, LAND HANGER WITH 80K LBS, TEST HANGER TO 5000 PSIG.
03:00	06:00	3.0	NIPPLE DOWN BOP, CLEAN TANKS.

NO ACCIDENTS / INCIDENTS, FULL CREWS, NO RIG REPAIRS, SAFETY MEETING # 1 LAY DOWN DRILL PIPE, SAFETY MEETING # 2 THIRD PARTY CONTRACTOR

FUEL ON HAND 2455 GLS, USED 312 GLS,

TRANSFER 6 JTS (257.88') 4.5 X 11.6 #, P110, LTC CASING TO UTAH YARD, FUEL TRANSFER 2455 GLS WITH PIONEER RIG # 59

RIG IS MOVING TO PIONEER YARD IN VERNAL UTAH, PIONEER PERSONNEL RIG DOWN ROTARY TOOLS FOR HIGHWAY TRAVEL, RIG MOVE IS APPROXIMATELY 40 MILES, RW JONES TRUCKING IS SCHEDULED TO START RIG MOVE 9/13/2007 @ 0700,

06:00 18.0 RELEASE RIG @ 06:00 HRS, 9/9/07.

CASING POINT COST \$889,943

09-19-2007		Reported By		SEARLE							
Daily Costs: Drilling		\$0		Completion		\$45,472		Daily Total		\$45,472	
Cum Costs: Drilling		\$889,942		Completion		\$239,376		Well Total		\$1,129,318	
MD	9,900	TVD	9,900	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation :		PBTD : 9842.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: PREP FOR FRACS											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 800'. EST CEMENT TOP @ 1850'. RD SCHLUMBERGER.								

01-22-2008		Reported By		HISLOP							
Daily Costs: Drilling		\$0		Completion		\$6,973		Daily Total		\$6,973	
Cum Costs: Drilling		\$889,942		Completion		\$246,349		Well Total		\$1,136,291	
MD	9,900	TVD	9,900	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation :		PBTD : 9842.0				Perf : 9623' - 9778'		PKR Depth : 0.0			
MESAVERDE/WASATCH											
Activity at Report Time: BHP											
Start	End	Hrs	Activity Description								

06:00 06:00 24.0 MIRU CUTTERS WIRELINE & PERFORATE LPR FROM 9623'-24', 9658'-59', 9678'-79', 9693'-94', 9703'-04', 9719'-20', 9739'-40', 9744'-45', 9749'-50', 9763'-64', 9773'-74', 9777'-78' @ 3 SPF @ 120° PHASING. RDWL. SWI FOR BULID UP.

**01-25-2008**      **Reported By**      SEARLE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$3,500	<b>Daily Total</b>	\$3,500
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$249,849	<b>Well Total</b>	\$1,139,791

**MD**      9,900      **TVD**      9,900      **Progress**      0      **Days**      15      **MW**      0.0      **Visc**      0.0

**Formation :**      **PBTD :** 9842.0      **Perf :** 9623'-9778'      **PKR Depth :** 0.0

MESAVERDE/WASATCH

**Activity at Report Time:** WAIT ON FRACS

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU PLS. RIH WITH PRESSURE RECORDER TO 9788'. POH. MBHT 200 DEG. MBHP 5175 PSIG. RD PLS. SWI. WAIT ON FRACS.

**01-30-2008**      **Reported By**      KERN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$4,352	<b>Daily Total</b>	\$4,352
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$254,201	<b>Well Total</b>	\$1,144,143

**MD**      9,900      **TVD**      9,900      **Progress**      0      **Days**      17      **MW**      0.0      **Visc**      0.0

**Formation :** MESAVERDE      **PBTD :** 9842.0      **Perf :** 9623'-9778'      **PKR Depth :** 0.0

**Activity at Report Time:** FRAC LPR AND UPR

Start	End	Hrs	Activity Description
06:00	06:00	24.0	HEAT FRAC WATER. MIRU CUTTERS WIRELINE. START MIRU HALLIBURTON. SDFN.

**01-31-2008**      **Reported By**      KERN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,505	<b>Daily Total</b>	\$2,505
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$256,706	<b>Well Total</b>	\$1,146,648

**MD**      9,900      **TVD**      9,900      **Progress**      0      **Days**      18      **MW**      0.0      **Visc**      0.0

**Formation :** MESAVERDE      **PBTD :** 9842.0      **Perf :** 9004'-9778'      **PKR Depth :** 0.0

**Activity at Report Time:** FRAC MPR AND UPR

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RU HALLIBURTON. SICP 2200 PSIG. FRAC LPR/Sego DOWN CASING WITH 165 GAL GYPTRON T-106, 4359 GAL 16# WF LINEAR PAD, 45157 GAL DELTA 200 W/115100# 20/40 SAND @ 1-4 PPG. MTP 7593 PSIG. MTR 55 BPM. ATP 5842 PSIG. ATR 48 BPM. ISIP 2300 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 9600'. PERFORATED LPR FROM 9382'-83', 9389'-90', 9408'-09', 9418'-19', 9426'-27', 9466'-67', 9491'-92', 9516'-17', 9539'-40', 9552'-53', 9559'-60' & 9580'-81' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 4392 GAL 16# WF LINEAR PAD, 39527 GAL DELTA 200 W/133200# 20/40 SAND @ 1-4 PPG. MTP 8459 PSIG. MTR 52 BPM. ATP 6474 PSIG. ATR 39 BPM. ISIP 3435 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 9355'. PERFORATED MPR/LPR FROM 9189'-90', 9194'-95', 9210'-11', 9214'-15', 9222'-23', 9248'-49', 9269'-70', 9293'-94', 9299'-00', 9324'-25', 9333'-34' & 9341'-42' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 4591 GAL DELTA 200 PAD, 30180 GAL DELTA 200 W/101200# 20/40 SAND @ 1-4 PPG. MTP 7886 PSIG. MTR 52 BPM. ATP 6085 PSIG. ATR 44 BPM. ISIP 3547 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 9165'. PERFORATED MPR FROM 9004'-05', 9012'-13', 9020'-21', 9035'-36', 9047'-48', 9064'-65', 9071'-72', 9089'-90', 9109'-10', 9120'-21', 9137'-38' & 9148'-49' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 5446 GAL DELTA 200 PAD, 36035 GAL DELTA 200 W/125900# 20/40 SAND @ 1-4 PPG. MTP 7998 PSIG. MTR 53 BPM. ATP 6186 PSIG. ATR 43 BPM. ISIP 3481 PSIG. RD HALLIBURTON. SDFN.

<b>02-01-2008</b>	<b>Reported By</b>	<b>KERN</b>				
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,505	<b>Daily Total</b>	\$2,505	
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$259,211	<b>Well Total</b>	\$1,149,153	
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0	<b>Days</b> 19
<b>Formation : MESAVERDE</b>	<b>PBTD : 9842.0</b>	<b>Perf : 7840'-9778'</b>	<b>MW</b>	0.0	<b>Visc</b>	0.0
				<b>PKR Depth : 0.0</b>		

**Activity at Report Time: FRAC**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RUWL. SET 10K CFP AT 8965'. PERFORATED MPR FROM 8796'-97', 8804'-05', 8813'-14', 8818'-19', 8849'-50', 8884'-85', 8890'-91', 8905'-06', 8919'-20', 8930'-31', 8944'-45' & 8951'-52' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 5389 GAL DELTA 200 PAD, 49117 GAL DELTA 200 W/162200# 20/40 SAND @ 1-4 PPG. MTP 5443 PSIG. MTR 56 BPM. ATP 4824 PSIG. ATR 46 BPM. ISIP 3388 PSIG. RD HALLIBURTON.
			RUWL. SET 10K CFP AT 8740'. PERFORATED MPR FROM 8584'-86', 8604'-05', 8612'-13', 8622'-23', 8639'-40', 8663'-64', 8676'-77', 8687'-88', 8694'-95', 8700'-01', 8711'-12' & 8725'-26' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 7865 GAL DELTA 200 PAD, 41830 GAL DELTA 200 W/140600# 20/40 SAND @ 1-4 PPG. MTP 5796 PSIG. MTR 57 BPM. ATP 4779 PSIG. ATR 48 BPM. ISIP 3340 PSIG. RD HALLIBURTON.
			RUWL. SET 10K CFP AT 8558'. PERFORATED MPR FROM 8296'-97', 8324'-25', 8346'-47', 8468'-69', 8474'-75', 8480'-81', 8490'-91', 8532'-34' & 8538'-39' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 5417 GAL DELTA 200 PAD, 29982 GAL DELTA 200 W/101000# 20/40 SAND @ 1-4 PPG. MTP 7589 PSIG. MTR 53 BPM. ATP 5810 PSIG. ATR 44 BPM. ISIP 3544 PSIG. RD HALLIBURTON.
			RUWL. SET 10K CFP AT 8255'. PERFORATED UPR FROM 8065'-66', 8074'-75', 8081'-82', 8088'-89', 8162'-63', 8172'-73', 8179'-80', 8202'-03', 8205'-06', 8212'-13', 8220'-21' & 8234'-35' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 8926 GAL DELTA 200 PAD, 33342 GAL DELTA 200 W/113100# 20/40 SAND @ 1-4 PPG. MTP 6342 PSIG. MTR 52 BPM. ATP 5327 PSIG. ATR 50 BPM. ISIP 2993 PSIG. RD HALLIBURTON.
			RUWL. SET 10K CFP AT 8035'. PERFORATED UPR FROM 7840'-41', 7844'-45', 7849'-50', 7894'-95', 7909'-10', 7925'-26', 7947'-48', 7980'-81', 7986'-87', 7992'-93', 8002'-03' & 8007'-08' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 3423 GAL DELTA 200 PAD, 27389 GAL DELTA 200 W/94000# 20/40 SAND @ 1-4 PPG. MTP 7433 PSIG. MTR 56 BPM. ATP 5952 PSIG. ATR 47 BPM. ISIP 2980 PSIG. RD HALLIBURTON. SDFN.

<b>02-02-2008</b>	<b>Reported By</b>	<b>KERN</b>				
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$38,002	<b>Daily Total</b>	\$38,002	
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$297,213	<b>Well Total</b>	\$1,187,156	
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0	<b>Days</b> 20
<b>Formation : MEASEVERDE/WASATCH</b>	<b>PBTD : 9842.0</b>	<b>Perf : 5533'-9778'</b>	<b>MW</b>	0.0	<b>Visc</b>	0.0
				<b>PKR Depth : 0.0</b>		

**Activity at Report Time: FRAC WASATCH**

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 RUWL. SET 10K CFP AT 7818'. PERFORATED UPR FROM 7625'-26', 7638'-39', 7648'-49', 7655'-56', 7662'-63', 7691'-92', 7699'-00', 7732'-33', 7738'-39', 7746'-47', 7792'-93' & 7796'-97' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 4958 GAL DELTA 200 PAD, 31272 GAL DELTA 200 W/107900# 20/40 SAND @ 1-4 PPG. MTP 5529 PSIG. MTR 53 BPM. ATP 4882 PSIG. ATR 47 BPM. ISIP 3221 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 7560'. PERFORATED UPR FROM 7449'-50', 7455'-56', 7463'-64', 7467'-68', 7475'-76', 7480'-81', 7485'-86', 7495'-96', 7511'-12', 7525'-26', 7531'-32' & 7537'-38' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 4608 GAL DELTA 200 PAD, 38232 GAL DELTA 200 W/119100# 20/40 SAND @ 1-4 PPG. MTP 4490 PSIG. MTR 53 BPM. ATP 4038 PSIG. ATR 42 BPM. ISIP 3055 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 7350'. PERFORATED NORTH HORN FROM 7035'-36', 7055'-56', 7071'-72', 7075'-76', 7098'-99', 7119'-20', 7149'-50', 7170'-71', 7208'-09', 7240'-41', 7297'-98' & 7328'-29' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 4583 GAL DELTA 200 PAD, 15638 GAL DELTA 200 W/57300# 20/40 SAND @ 1-4 PPG. MTP 7256 PSIG. MTR 56 BPM. ATP 5856 PSIG. ATR 43 BPM. ISIP 3170 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 6600'. PERFORATED Ba FROM 6208'-09', 6217'-18', 6244'-45', 6294'-95', 6344'-45', 6378'-79', 6407'-08', 6428'-29', 6515'-16', 6552'-53', 6576'-77' & 6590'-91' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 5856 GAL DELTA 200 PAD, 15279 GAL DELTA 200 W/57000# 20/40 SAND @ 1-4 PPG. MTP 8761 PSIG. MTR 51 BPM. ATP 7127 PSIG. ATR 32 BPM. ISIP 2434 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 6060'. PERFORATED Ba FROM 5778'-79', 5786'-87', 5823'-24', 5836'-37', 5840'-41', 5847'-48', 5873'-74', 5893'-94', 5950'-51', 5987'-88', 6023'-24' & 6043'-44' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 4319 GAL DELTA 200 PAD, 15257 GAL DELTA 200 W/56900# 20/40 SAND @ 1-4 PPG. MTP 6071 PSIG. MTR 54 BPM. ATP 4358 PSIG. ATR 48 BPM. ISIP 1981 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 5625'. PERFORATED Ca FROM 5533'-34', 5542'-46', 5548'-53', 5572'-73' & 5594'-95' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 2022 GAL DELTA 200 PAD, 13212 GAL DELTA 200 W/45300# 20/40 SAND @ 1-4 PPG. MTP 3896 PSIG. MTR 49 BPM. ATP 3459 PSIG. ATR 39 BPM. ISIP 2208 PSIG. RD HALLIBURTON. SDFN.

02-03-2008		Reported By		KERN							
Daily Costs: Drilling		\$0		Completion		\$540,989		Daily Total		\$540,989	
Cum Costs: Drilling		\$889,942		Completion		\$838,203		Well Total		\$1,728,146	
MD	9,900	TVD	9,900	Progress	0	Days	21	MW	0.0	Visc	0.0
Formation :		PBTD : 9842.0				Perf : 5034'-9778'		PKR Depth : 0.0			
MEASEVERDE/WASATCH											
Activity at Report Time: PREP TO MIRUSU											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	RUWL. SET 10K CFP AT 5420'. PERFORATED Ca FROM 5374'-76', 5381'-86', 5396'-99' & 5404'-06' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 2062 GAL DELTA 200 PAD, 13053 GAL DELTA 200 W/45500# 20/40 SAND @ 1-4 PPG. MTP 4398 PSIG. MTR 40 BPM. ATP 4022 PSIG. ATR 32 BPM. ISIP 3294 PSIG. RD HALLIBURTON.								
RUWL. SET 10K CFP AT 5150'. PERFORATED Ca FROM 5114'-18', 5121'-23', 5126'-30' & 5132'-34' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 2217 GAL DELTA 200 PAD, 21644 GAL DELTA 200 W/53000# 20/40 SAND @ 1-4 PPG. MTP 4614 PSIG. MTR 49 BPM. ATP 4223 PSIG. ATR 42 BPM. ISIP 2349 PSIG. RD HALLIBURTON.											



RUWL. SET 10K CBP AT 5070'. PERFORATED Pp FROM 5034'-37', 5045'-50' & 5054'-58' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 2208 GAL DELTA 200 PAD, 13630 GAL DELTA 200 W/43500# 20/40 SAND @ 1-4 PPG. MTP 4677 PSIG. MTR 50 BPM. ATP 3803 PSIG. ATR 42 BPM. ISIP 2340 PSIG. RD HALLIBURTON.

RUWL. SET 10K CBP AT 4882'. BLED OFF PRESSURE. RDWL. SDFN.

**02-05-2008**      **Reported By**      POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$6,797	<b>Daily Total</b>	\$6,797
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$845,000	<b>Well Total</b>	\$1,734,943
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0
		<b>Days</b>	22	<b>MW</b>	0.0
		<b>Visc</b>	0.0		
<b>Formation :</b>	<b>PBTD : 9842.0</b>		<b>Perf : 5034'-9778'</b>	<b>PKR Depth : 0.0</b>	
MESAVERDE/WASATCH					
<b>Activity at Report Time:</b> CLEAN OUT AFTER FRAC					
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>		
07:00	16:00	9.0	MIRUSU. ND TREE. NU BOPE. RIH W/BIT & PUMP OFF SUB TO 4882'. RU TO DRILL OUT PLUGS. SDFN.		

**02-06-2008**      **Reported By**      POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$11,680	<b>Daily Total</b>	\$11,680
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$856,680	<b>Well Total</b>	\$1,746,623
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0
		<b>Days</b>	23	<b>MW</b>	0.0
		<b>Visc</b>	0.0		
<b>Formation :</b>	<b>PBTD : 9842.0</b>		<b>Perf : 5034'-9778'</b>	<b>PKR Depth : 0.0</b>	
MESAVERDE/WASATCH					
<b>Activity at Report Time:</b> CLEAN OUT AFTER FRAC					
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>		
07:00	18:30	11.5	CLEANED OUT & DRILLED OUT PLUGS @ 4882', 5070', 5150', 5420', 5625', 6060', 6600', 7350', 7560', 7818', 8035' & 8255'. POH ABOVE PERFS. SDFN.		

**02-07-2008**      **Reported By**      POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$18,119	<b>Daily Total</b>	\$18,119
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$874,799	<b>Well Total</b>	\$1,764,742
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0
		<b>Days</b>	24	<b>MW</b>	0.0
		<b>Visc</b>	0.0		
<b>Formation :</b>	<b>PBTD : 9842.0</b>		<b>Perf : 5034'-9778'</b>	<b>PKR Depth : 0.0</b>	
MESAVERDE/WASATCH					
<b>Activity at Report Time:</b> FLOW TEST					
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>		
07:00	18:30	11.5	SICP 1700 PSIG. RIH. TO 8558'. CLEANED OUT & DRILLED OUT PLUGS @ 8558', 8740', 8965', 9165', 9355' & 9600'. CLEANED OUT TO PBTD @ 9842'. LANDED TBG AT 8127' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.		
FLOWED 11 HRS. 24/64" CHOKE. FTP 800 PSIG. CP 2000 PSIG. 52 BFPH. RECOVERED 674 BLW. 17840 BLWTR.					
TUBING DETAIL    LENGTH					
PUMP OFF SUB    1.00'					
1 JT 2-3/8" 4.7# N-80 TBG    31.65'					

XN NIPPLE 1.10'  
 255 JTS 2-3/8" 4.7# N-80 TBG 8082.00'  
 BELOW KB 12.00'  
 LANDED @ 8127.75' KB

02-08-2008		Reported By		POWELL							
Daily Costs: Drilling		\$0		Completion		\$2,860		Daily Total		\$2,860	
Cum Costs: Drilling		\$889,942		Completion		\$877,659		Well Total		\$1,767,602	
MD	9,900	TVD	9,900	Progress	0	Days	25	MW	0.0	Visc	0.0
Formation :		PBTD : 9842.0				Perf : 5034'-9778'		PKR Depth : 0.0			
MESAVERDE/WASATCH											
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
05:00	05:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1250 PSIG. CP 2000 PSIG. 82 BFPH. RECOVERED 1847 BLW. 15993 BLWTR.								

02-09-2008		Reported By		POWELL							
Daily Costs: Drilling		\$0		Completion		\$2,860		Daily Total		\$2,860	
Cum Costs: Drilling		\$889,942		Completion		\$880,519		Well Total		\$1,770,462	
MD	9,900	TVD	9,900	Progress	0	Days	26	MW	0.0	Visc	0.0
Formation :		PBTD : 9842.0				Perf : 5034'-9778'		PKR Depth : 0.0			
MESAVERDE/WASATCH											
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
05:00	05:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1150 PSIG. CP 2000 PSIG. 60 BFPH. RECOVERED 1724 BLW. 14269 BLWTR.								

02-10-2008		Reported By		POWELL							
Daily Costs: Drilling		\$0		Completion		\$2,860		Daily Total		\$2,860	
Cum Costs: Drilling		\$889,942		Completion		\$883,379		Well Total		\$1,773,322	
MD	9,900	TVD	9,900	Progress	0	Days	27	MW	0.0	Visc	0.0
Formation :		PBTD : 9842.0				Perf : 5034'-9778'		PKR Depth : 0.0			
MESAVERDE/WASATCH											
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
05:00	05:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1200 PSIG. CP 2000 PSIG. 56 BFPH. RECOVERED 1372 BLW. 12897 BLWTR.								

02-11-2008		Reported By		POWELL							
Daily Costs: Drilling		\$0		Completion		\$2,860		Daily Total		\$2,860	
Cum Costs: Drilling		\$889,942		Completion		\$886,239		Well Total		\$1,776,182	
MD	9,900	TVD	9,900	Progress	0	Days	28	MW	0.0	Visc	0.0
Formation :		PBTD : 9842.0				Perf : 5034'-9778'		PKR Depth : 0.0			
MESAVERDE/WASATCH											
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
05:00	05:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1150 PSIG. CP 2000 PSIG. 39 BFPH. RECOVERED 1143 BLW. 11745 BLWTR.								

02-12-2008      Reported By      POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,860	<b>Daily Total</b>	\$2,860
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$889,099	<b>Well Total</b>	\$1,779,042
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0
		<b>Days</b>	29	<b>MW</b>	0.0
		<b>Visc</b>			0.0
<b>Formation :</b>		<b>PBTD : 9842.0</b>	<b>Perf : 5034'-9778'</b>	<b>PKR Depth : 0.0</b>	
MEASEVERDE/WASATCH					

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
05:00	05:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1050 PSIG. CP 1950 PSIG. 26 BFPH. RECOVERED 799 BLW. 10955 BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 2/11/08

02-13-2008      Reported By      DUANE COOK

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$889,942	<b>Completion</b>	\$889,099	<b>Well Total</b>	\$1,779,042
<b>MD</b>	9,900	<b>TVD</b>	9,900	<b>Progress</b>	0
		<b>Days</b>	30	<b>MW</b>	0.0
		<b>Visc</b>			0.0
<b>Formation :</b>		<b>PBTD : 9842.0</b>	<b>Perf : 5034'-9778'</b>	<b>PKR Depth : 0.0</b>	
MEASEVERDE/WASATCH					

Activity at Report Time: INITIAL PRODUCTION-FIRST GAS SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION. FIRST GAS SALES: OPENING PRESSURE: TP 1700 & CP 2000 PSI. TURNED WELL TO KERR-MAGEE METER #985519 AT 10:30 AM, 02/12/08. FLOWED 200 MCFD RATE ON 12/64" POS CHOKE. STATIC 334.

**OPERATOR CHANGE WORKSHEET****X Change of Operator (Well Sold)**

Operator Name Change

Designation of Agent/Operator

Merger

**ROUTING**

1. DJJ

2. CDW

The operator of the well(s) listed below has changed, effective:

**2/19/2008****FROM: (Old Operator):**N9550-EOG Resources  
1060 E Hwy 40  
Vernal, UT 84078

Phone: 1-(435) 781-9111

**TO: ( New Operator):**N2995-Kerr-McGee Oil & Gas Onshore., LP  
1368 South 1200 East  
Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.****Unit:****NATURAL BUTTES**

WELL NAME(S)	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 319-17E	17	100S	210E	4304737511	2900	Federal	GW	P
NBU 562-19E	19	100S	210E	4304737536	2900	State	GW	P
NBU 565-30E	30	100S	210E	4304737533	2900	State	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: Completion of well
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: Completion of well
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 2/6/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/6/2008
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number RLB0005236
- The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a
- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG &amp; agreement 9/17/03 from Westport

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. UTU02270A		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator EOG RESOURCES, INC.			Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com		
3. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202			3a. Phone No. (include area code) Ph: 303-824-5526		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 807FNL 990FWL 39.95282 N Lat, 109.58189 W Lon At top prod interval reported below NWNW 807FNL 990FWL 39.95282 N Lat, 109.58189 W Lon At total depth NWNW 807FNL 990FWL 39.95282 N Lat, 109.58189 W Lon			8. Lease Name and Well No. NATURAL BUTTES UNIT 319-17E		
14. Date Spudded 07/05/2007			15. Date T.D. Reached 09/09/2007		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/12/2008			9. API Well No. 43-047-37511		
18. Total Depth: MD 9900 TVD			19. Plug Back T.D.: MD 9842 TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH/MV		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RST/CBL/CCL/VOL/GR			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T10S R21E Mer SLB		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			12. County or Parish UINTAH		
			13. State UT		
			17. Elevations (DF, KB, RT, GL)* 5059 GL		

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	2435		670			
7.875	4.500 P-110	11.6	0	9889		2095			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8128							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
AWASATCH/MESAVERDE	5034	9778	9623 TO 9778		3	
B)			9382 TO 9581		3	
C)			9189 TO 9342		3	
D)			9004 TO 9149		3	

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9623 TO 9778	49,681 GALS GELLED WATER & 115,100# 20/40 SAND
9382 TO 9581	43,919 GALS GELLED WATER & 133,200# 20/40 SAND
9189 TO 9342	34,771 GALS GELLED WATER & 101,200# 20/40 SAND
9004 TO 9149	41,481 GALS GELLED WATER & 125,900# 20/40 SAND

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/12/2008	02/19/2008	24	→	0.0	379.0	180.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12/64"	SI	2000.0	→	0	379	180		PGW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #59075 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

RECEIVED

MAR 13 2008

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WASATCH/MESAVERDE	5034	9778		GREEN RIVER MAHOGANY WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER MIDDLE PRICE RIVER LOWER PRICE RIVER	1368 1925 4469 5061 5776 7404 8302 9253

## 32. Additional remarks (include plugging procedure):

Please see the attached sheet for detailed perforation and additional formation marker information.

## 33. Circle enclosed attachments:

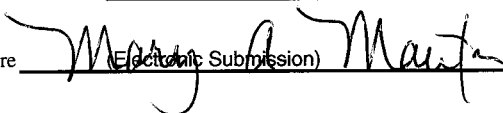
- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #59075 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., sent to the Vernal

Name (please print) MARY A. MAESTASTitle REGULATORY ASSISTANT

Signature



(Electronic Submission)

Date 03/12/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

**Natural Buttes Unit 319-17E - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

8796-8952	3/spf
8584-8726	3/spf
8296-8539	3/spf
8065-8235	3/spf
7840-8008	3/spf
7625-7797	3/spf
7449-7538	3/spf
7035-7329	3/spf
6208-6591	3/spf
5778-6044	3/spf
5533-5595	3/spf
5374-5406	3/spf
5114-5134	3/spf
5034-5058	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

8796-8952	54,506 GALS GELLED WATER & 162,200# 20/40 SAND
8584-8726	49,695 GALS GELLED WATER & 140,600# 20/40 SAND
8296-8539	35,399 GALS GELLED WATER & 101,000# 20/40 SAND
8065-8235	42,268 GALS GELLED WATER & 113,100# 20/40 SAND
7840-8008	30,812 GALS GELLED WATER & 94,000# 20/40 SAND
7625-7797	36,230 GALS GELLED WATER & 107,900# 20/40 SAND
7449-7538	42,840 GALS GELLED WATER & 119,100# 20/40 SAND
7035-7329	20,221 GALS GELLED WATER & 57,300# 20/40 SAND
6208-6591	21,135 GALS GELLED WATER & 57,000# 20/40 SAND
5778-6044	19,576 GALS GELLED WATER & 56,900# 20/40 SAND
5533-5595	15,234 GALS GELLED WATER & 45,300# 20/40 SAND
5374-5406	15,115 GALS GELLED WATER & 45,500# 20/40 SAND
5114-5134	23,861 GALS GELLED WATER & 53,000# 20/40 SAND
5034-5058	15,838 GALS GELLED WATER & 43,500# 20/40 SAND

Perforated the Lower Price River from 9623-24', 9658-59', 9678-79', 9693-94', 9703-04', 9719-20', 9739-40', 9744-45', 9749-50', 9763-64', 9773-74' & 9777-78' w/ 3 spf.

Perforated the Lower Price River from 9382-83', 9389-90', 9408-09', 9418-19', 9426-27', 9466-67', 9491-92', 9516-17', 9539-40', 9552-53', 9559-60' & 9580-81' w/ 3 spf.

Perforated the Middle/Lower Price River from 9189-90', 9194-95', 9210-11', 9214-15', 9222-23', 9248-49', 9269-70', 9293-94', 9299-9300', 9324-25', 9333-34' & 9341-42' w/ 3 spf.

Perforated the Middle Price River from 9004-05', 9012-13', 9020-21', 9035-36', 9047-48', 9064-65', 9071-72', 9089-90', 9109-10', 9120-21', 9137-38' & 9148-49' w/ 3 spf.

Perforated the Middle Price River from 8796-97', 8804-05', 8813-14', 8818-19', 8849-50', 8884-85', 8890-91', 8905-06', 8919-20', 8930-31', 8944-45' & 8951-52' w/ 3 spf.

Perforated the Middle Price River from 8584-86', 8604-05', 8612-13', 8622-23', 8639-40', 8663-64', 8676-77', 8687-88', 8694-95', 8700-01', 8711-12' & 8725-26' w/ 3 spf.

Perforated the Middle Price River from 8296-97', 8324-25', 8346-47', 8468-69', 8474-75', 8480-81', 8490-91', 8532-34' & 8538-39' w/ 3 spf.

Perforated the Upper Price River from 8065-66', 8074-75', 8081-82', 8088-89', 8162-63', 8172-73', 8179-80', 8202-03', 8205-06', 8212-13', 8220-21' & 8234-35' w/ 3 spf.

Perforated the Upper Price River from 7840-41', 7844-45', 7849-50', 7894-95', 7909-10', 7925-26', 7947-48', 7980-81', 7986-87', 7992-93', 8002-03' & 8007-08' w/ 3 spf.

Perforated the Upper Price River from 7625-26', 7638-39', 7648-49', 7655-56', 7662-63', 7691-92', 7699-7700', 7732-33', 7738-39', 7746-47', 7792-93' & 7796-97' w/ 3 spf.

Perforated the Upper Price River from 7449-50', 7455-56', 7463-64', 7467-68', 7475-76', 7480-81', 7485-86', 7495-96', 7511-12', 7525-26', 7531-32' & 7537-38' w/ 3 spf.

Perforated the North Horn from 7035-36', 7055-56', 7071-72', 7075-76', 7098-99', 7119-20', 7149-50', 7170-71', 7208-09', 7240-41', 7297-98' & 7328-29' w/ 3 spf.

Perforated the Ba from 6208-09', 6217-18', 6244-45', 6294-95', 6344-45', 6378-79', 6407-08', 6428-29', 6515-16', 6552-53', 6576-77' & 6590-91' w/ 3 spf.

Perforated the Ba from 5778-79', 5786-87', 5823-24', 5836-37', 5840-41', 5847-48', 5873-74', 5893-94', 5950-51', 5987-88', 6023-24' & 6043-44' w/ 3 spf.

Perforated the Ca from 5533-34', 5542-46', 5548-53', 5572-73' & 5594-95' w/ 3 spf.

Perforated the Ca from 5374-76', 5381-86', 5396-99' & 5404-06' w/ 3 spf.

Perforated the Ca from 5114-18', 5121-23', 5126-30' & 5132-34 w/ 3 spf.

Perforated the Pp from 5034-37', 5045-50' & 5054-58' w/ 3 spf.

## **52. FORMATION (LOG) MARKERS**

SEGO	9692
------	------



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 7

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: NBU 319-17E

API number: 4304737511

Well Location: QQ NWNW Section 17 Township 10S Range 21E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: PRO PETRO

Address: PO BOX 827

city VERNAL state UT zip 84078

Phone: (435) 789-4729

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
90	95	NO FLOW	NOT KNOWN
1,350	1,360	NO FLOW	NOT KNOWN

Formation tops:  
(Top to Bottom)

1	2	3
4	5	6
7	8	9
10	11	12

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE Mary A. Maestas

DATE 3/12/2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
UTU02270A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NATURAL BUTTES8. Well Name and No.  
NATURAL BUTTES UNIT 319-17E9. API Well No.  
43-047-3751110. Field and Pool, or Exploratory  
NATURAL BUTTES11. County or Parish, and State  
UINTAH COUNTY, UT**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
EOG RESOURCES, INC.Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 802023b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T10S R21E NWNW 807FNL 990FWL  
39.95282 N Lat, 109.58189 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 7/23/2008.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #66320 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature

(Electronic Submission)

Date 01/14/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*****RECEIVED****JAN 20 2009****DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
Multiple Leases

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
EOG Resources, Inc

3a. Address  
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)  
435-781-9145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
See Attached

7. If Unit of CA/Agreement, Name and/or No.  
Natural Buttes

8. Well Name and No.  
Multiple Wells

9. API Well No.  
See Attached

10. Field and Pool or Exploratory Area  
Natural Buttes

11. Country or Parish, State  
Utah, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP  
1099 18th Street, Suite 1800  
Denver, CO 80202-1918

By: Michael A. Nixon Date: 12/17/2009  
Michael A. Nixon  
Agent and Attorney-in-Fact

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only EP  
1/31/2010

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature

Date 12/17/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

**RECEIVED**

Approved by

Title

Date

DEC 24 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DIV. OF OIL, GAS & MINING

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Lease #	API #	Well Name	Footages	Legal Description
UTUO2270A	4304730261	NBU 1-07B	1975' FNL 1850' FWL	T10S-R21E-07-SESW
UTUO144868	4304730262	NBU 2-15B	1630' FSL 2125' FEL	T09S-R20E-15-NWSE
ML22651	4304730267	NBU 3-02B	1819' FNL 716' FWL	T10S-R22E-02-SWNW
UTUO10954A	4304730273	NBU 4-35B	2037' FNL 2539' FWL	T09S-R22E-35-SESW
ML22650	4304730272	NBU 5-36B	1023' FNL 958' FWL	T09S-R22E-36-NWNW
UTUO1791	4304730278	NBU 7-09B	330' FSL 1600' FWL	T10S-R21E-09-SESW
UTUO1207 ST	4304730274	NBU 10-29B	1100' FSL 1540' FEL	T09S-R22E-29-SWSE
UTUO1791	4304730294	NBU 13-08B	1600' FSL 1300' FEL	T10S-R21E-08-NESE
UTUO581	4304730296	NBU 15-29B	821' FNL 687' FWL	T09S-R21E-29-NWNW
UTUO1791	4304730316	NBU 16-06B	330' FSL 900' FEL	T10S-R21E-06-SESE
UTUO2270A	4304730317	NBU 17-18B	1014' FSL 2067' FEL	T10S-R21E-18-SWSE
UTUO144869	4304730328	NBU 19-21B	2015' FNL 646' FEL	T09S-R20E-21-SENE
UTUO575	4304730363	NBU 25-20B	1905' FNL 627' FWL	T09S-R21E-20-SWNW
UTU4485	4304730364	NBU 26-13B	600' FSL 661' FEL	T10S-R20E-13-SESE
UTUO1393B	4304730367	NBU 28-04B	529' FNL 2145' FWL	T10S-R21E-04-NENW
UTUO1393B	4304730368	NBU 29-05B	398' FSL 888' FWL	T10S-R21E-05-SESE
UTUO575	4304730380	NBU 30-18B	1895' FSL 685' FEL	T09S-R21E-18-NESE
ML01197A	4304730385	NBU 31-12B	565' FNL 756' FWL	T10S-R22E-12-NWNW
UTU461	4304730396	NBU 33-17B	683' FSL 739' FWL	T09S-R22E-17-SWSW
UTUO575	4304730404	NBU 34-17B	210' FNL 710' FEL	T09S-R21E-17-NENE
UTUO149767	4304730397	NBU 35-08B	1830' FNL 660' FWL	T09S-R21E-8-SWNW
UTUO144878B	4304730470	NBU 49-12B	551' FSL 1901' FEL	T09S-R20E-12-SWSE
UTUO140225	4304730473	NBU 52-01B	659' FSL 658' FEL	T09S-R21E-01-SESE
UTUO141315	4304730474	NBU 53-03B	495' FSL 601' FWL	T09S-R21E-03-SWSW
ML21510	4304730475	NBU 54-02B	660' FSL 660' FWL	T09S-R21E-02-SWSW
UTUO1193	4304730464	NBU 57-12B	676' FSL 1976' FEL	T09S-R21E-12-SWSE
UTUO1198B	4304730463	NBU 58-23B	1634' FNL 2366' FEL	T10S-R22E-23-SWNE
UTUO37167	4304730477	NBU 62-35B	760' FNL 2252' FEL	T10S-R22E-35-NWNE
UTU10186	4304730466	NBU 63-12B	1364' FNL 1358' FEL	T10S-R20E-12-SWNE
UTUO37167	4304730577	NBU 70-34B	1859' FSL 2249' FWL	T10S-R22E-34-NESW
UTU4476	4304730578	NBU 71-26B	1877' FNL 528' FEL	T10S-R20E-26-SENE
UTUO141315	4304731150	NBU 202-03	898' FSL 1580' FEL	T09S-R21E-03-SWSE
UTUO1791	4304731238	NBU 205-08	1432' FSL 1267' FWL	T10S-R21E-08-NWSW
UTUO1791	4304731165	NBU 206-09	1789' FNL 1546' FWL	T10S-R21E-09-SESW
UTUO1393B	4304731177	NBU 207-04	1366' FSL 1445' FWL	T10S-R21E-04-NESW
UTUO149076	4304731153	NBU 210-24	1000' FSL 1000' FWL	T09S-R21E-24-SWSW
UTUO284	4304731156	NBU 211-20	916' FSL 822' FEL	T09S-R22E-20-SESE
UTUO284	4304731267	NBU 212-19	289' FSL 798' FWL	T09S-R22E-19-SWSW
UTU22650	4304731268	NBU 213-36J	597' FNL 659' FEL	T09S-R22E-36-NENE
ML22651	4304731282	NBU 217-02	2045' FSL 766' FWL	T10S-R22E-02-NWSW
UTUO2270A	4304731310	NBU 218-17	2600' FNL 1500' FWL	T10S-R21E-17-SESW
UTUO149076	4304731308	NBU 219-24	1300' FNL 500' FWL	T09S-R21E-24-NWNW
UTUO149076	4304732131	NBU 301-24E	700' FSL 2450' FEL	T09S-R21E-24-SWSE
UTUO1791	4304732010	NBU 302-09E	1899' FSL 912' FWL	T10S-R21E-09-NWSW
UTUO575	4304732130	NBU 304-18E	782' FSL 1783' FEL	T09S-R21E-18-SWSE
UTUO149767	4304732135	NBU 305-07E	670' FNL 1950' FWL	T09S-R21E-07-NENW
UTUO581	4304732282	NBU 306-18E	1604' FSL 2797' FWL	T09S-R21E-18-NESW
UTUO1791	4304732014	NBU 307-06E	1979' FSL 2000' FEL	T10S-R21E-06-NWSE
UTUO284	4304732202	NBU 308-20E	1503' FSL 954' FWL	T09S-R22E-20-NWSW
UTUO575	4304732283	NBU 309-20E	930' FNL 667' FEL	T09S-R21E-20-NENE
UTUO149075	4304732203	NBU 311-23E	1101' FSL 1978' FEL	T09S-R21E-23-SWSE
UTUO581	4304732378	NBU 313-29E	1000' FNL 660' FEL	T09S-R21E-29-NENE
UTUO141315	4304732271	NBU 314-03E	1045' FSL 2584' FWL	T09S-R21E-03-SESW
UTUO575	4304732381	NBU 316-17E	1935' FNL 1067' FWL	T09S-R21E-17-SWNW
UTUO144868B	4304732362	NBU 317-12E	867' FNL 701' FEL	T09S-R20E-12-NENE
UTUO2270A	4304737511	NBU 319-17E	807' FNL 990' FWL	T10S-R21E-17-NWNW
UTUO1188	4304732379	NBU 321-10E	940' FSL 2508' FWL	T09S-R21E-10-SESW
UTUO575B	4304732376	NBU 325-08E	832' FSL 669' FWL	T09S-R21E-08-SWSW
UTUO1393B	4304733697	NBU 326-04E	1906' FNL 695' FWL	T10S-R21E-04-SWNW
UTUO1393B	4304739303	NBU 327-05E	1117' FNL 942' FEL	T10S-R21E-05-NENE (LOT 1)
UTU4485	4304732386	NBU 328-13E	1766' FSL 1944' FWL	T10S-R20E-13-NESW
UTUO1207 ST	4304732229	NBU 329-29E	2490' FNL 949' FEL	T09S-R22E-29-SENE

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Lease #	API #	Well Name	Footages	Legal Description
UTUO10954A	4304732147	NBU 331-35E	1531' FNL 1153' FEL	T09S-R22E-35-SENE
UTUO1791	4304732148	NBU 332-08E	955' FSL 2508' FEL	T10S-R21E-08-SWSE
ML21510	4304732518	NBU 333-02E	1951' FSL 2245' FWL	T09S-R21E-02-NESW
UTUO149075	4304732265	NBU 335-23E	1419' FNL 828' FEL	T09S-R21E-23-SENE
UTUO149076	4304732264	NBU 336-24E	2024' FNL 1958' FWL	T09S-R21E-24-SENE
UTUO284	4304732281	NBU 339-19E	1890' FSL 674' FWL	T09S-R22E-19-NWSW
UTUO284B	4304732327	NBU 340-20E	1326' FSL 2569' FEL	T09S-R22E-20-NWSE
UTUO1207 ST	4304733055	NBU 341-29E	307' FSL 898' FEL	T09S-R22E-29-SESE
UTUO10954A	4304732212	NBU 342-35E	918' FNL 2563' FEL	T09S-R22E-35-NWNE
UTUO1393B	4304739338	NBU 346-05E	2233' FSL 676' FEL	T10S-R21E-05-NESE
UTUO575B	4304732326	NBU 349-07E	1641' FNL 1036' FWL	T09S-R21E-07-SWNW
UTUO1188	4304732519	NBU 352-10E	1806' FSL 842' FWL	T09S-R21E-10-NWSW
UTUO581	4304732383	NBU 356-29E	1600' FNL 1980' FEL	T09S-R21E-29-SWNE
UTUO2270A	4304732388	NBU 358-01E	736' FSL 1941' FEL	T10S-R20E-01-SWSE
UTU4485	4304750032	NBU 359-13E	661' FSL 2149' FEL	T10S-R20E-13-SWSE
UTU4485	4304732387	NBU 360-13E	1998' FSL 775' FWL	T10S-R20E-13-NWSW
ML21510	4304733782	NBU 379-02E	1967' FSL 898' FWL	T09S-R21E-02-NWSW
UTUO575	4304733064	NBU 382-18E	2030' FSL 2172' FEL	T09S-R21E-18-NWSE
UTUO149075	4304735889	NBU 384-23E	491' FSL 929' FEL	T09S-R21E-23-SESE
UTUO149076	4304733056	NBU 386-24E	450' FSL 1850' FWL	T09S-R21E-24-SESW
UTUO284	4304733057	NBU 388-19E	382' FSL 1847' FWL	T09S-R22E-19-SESW
UTUO1207 ST	4304733049	NBU 389-29E	2226' FSL 2166' FEL	T09S-R22E-29-NWSE
UTUO1393B	4304732835	NBU 390-04E	2577' FSL 1951' FWL	T10S-R21E-04-NESW
UTUO1393B	4304732988	NBU 391-05E	1215' FSL 2090' FEL	T10S-R21E-05-SWSE
UTUO1791	4304733783	NBU 392-06E	1926' FSL 611' FEL	T10S-R21E-06-NESE
UTU4485	4304733071	NBU 393-13E	1850' FSL 2141' FEL	T10S-R20E-13-NWSE
UTU4485	4304733072	NBU 394-13E	725' FSL 2027' FWL	T10S-R20E-13-SESW
UTUO1188	4304732544	NBU 400-11E	1983' FSL 1321' FWL	T09S-R21E-11-NESW
UTUO581	4304734216	NBU 421-29E	1985' FNL 972' FEL	T09S-R21E-29-SENE
UTUO581	4304733698	NBU 422-29E	1980' FNL 785' FWL	T09S-R21E-29-SWNW
UTUO581	4304734206	NBU 423-30E	1980' FSL 660' FEL	T09S-R21E-30-NESE
ML3142	4304733699	NBU 424-32E	744' FNL 773' FEL	T09S-R21E-32-NENE
UTUO2270A	4304740049	NBU 428-07E	660' FSL 855' FWL	T10S-R21E-07-SWSW (Lot 4)
UTUO1791	4304733069	NBU 431-09E	2599' FNL 662' FWL	T10S-R21E-09-SWNW
UTUO2270A	4304738536	NBU 434-17E	1799' FNL 2176' FWL	T10S-R21E-17-SENE
UTUO2270A	4304738376	NBU 435-17E	1837' FNL 571' FWL	T10S-R21E-17-SWNW
UTUO2270A	4304734195	NBU 436-18E	1644' FSL 748' FEL	T10S-R21E-18-NESE
UTUO2270A	4304735499	NBU 437-18E	322' FSL 748' FEL	T10S-R21E-18-SESE
ML22792	4304737534	NBU 438-19E	661' FNL 1941' FEL	T10S-R21E-19-NWNE
ML22792	4304737535	NBU 439-19E	2111' FNL 1980' FWL	T10S-R21E-19-SWNE
UTUO10953	4304736279	NBU 451-01E	1965' FSL 2132' FWL	T10S-R22E-01-NESW
ML22651	4304736053	NBU 456-02E	493' FNL 1080' FWL	T10S-R22E-02-NWNW (Lot 4)
UTUO141315	4304733063	NBU 481-03E	1490' FSL 556' FEL	T09S-R21E-03-NESE
UTUO581	4304733065	NBU 483-19E	1850' FSL 1980' FWL	T09S-R21E-19-NESW
UTUO575	4304733784	NBU 484-20E	350' FNL 823' FWL	T09S-R21E-20-NWNW
UTUO2270A	4304739897	NBU 486-07E	1895' FSL 1834' FWL	T10S-R21E-07-NESW
UTUO575B	4304733121	NBU 489-07E	763' FSL 733' FWL	T09S-R21E-07-SWSW (Lot 4)
UTUO2270A	4304733123	NBU 497-01E	2091' FSL 894' FEL	T10S-R20E-01-NESE
UTUO577A	4304733140	NBU 506-23E	720' FNL 1818' FWL	T09S-R20E-23-NENW
UTUO1791	4304733124	NBU 508-08E	915' FSL 355' FEL	T10S-R21E-08-SESE
UTUO1197A ST	4304739283	NBU 513-12EX	1850' FNL 2133' FWL	T10S-R22E-12-SENE
UTUO2270A	4304733696	NBU 516-12E	1950' FSL 1786' FEL	T10S-R20E-12-NWSE
UTUO141315	4304733779	NBU 519-03E	1749' FSL 798' FWL	T09S-R21E-03-NWSW
UTUO575B	4304733780	NBU 521-08E	2250' FSL 900' FWL	T09S-R21E-08-NWSW
UTUO1188	4304733781	NBU 522-10E	732' FSL 841' FEL	T09S-R21E-10-SESE
UTUO2270A	4304733685	NBU 523-12E	660' FSL 660' FEL	T10S-R20E-12-SESE
UTUO2270A	4304733701	NBU 524-12E	841' FSL 1795' FEL	T10S-R20E-12-SWSE
UTUO2270A	4304739722	NBU 529-07E	704' FNL 762' FWL	T10S-R21E-07-NWNW
UTUO581	4304734639	NBU 534-18E	1885' FSL 115' FWL	T09S-R21E-18-NWSW
UTUO2270A	4304735200	NBU 535-17E	1893' FSL 580' FWL	T10S-R21E-17-NWSW
ML22791	4304735252	NBU 536-18E	734' FSL 2293' FWL	T10S-R21E-18-SESW
UTUO2270A	4304735253	NBU 537-18E	1880' FSL 1830' FEL	T10S-R21E-18-NWSE

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DEC 24 2009

Lease #	API #	Well Name	Footages	Legal Description
UTUO284	4304735886	NBU 538-19E	1937' FSL 1833' FWL	T09S-R22E-19-NESW
UTUO149076	4304735887	NBU 539-24E	1870' FSL 477' FEL	T09S-R21E-24-NESE
UTUO10953	4304736280	NBU 546-01E	2036' FSL 699' FWL	T10S-R22E-01-NWSW
UTUO10953	4304736278	NBU 547-01E	749' FSL 598' FWL	T10S-R22E-01-SWSW
UTU474	4304737687	NBU 553-28E	767' FNL 753' FWL	T10S-R22E-28-NWNW
UTU474	4304737686	NBU 554-28E	2023' FNL 465' FWL	T10S-R22E-28-SWNW
ML22791	4304737685	NBU 555-18E	1984' FSL 1790' FWL	T10S-R21E-18-NESW
ML22791	4304737514	NBU 556-18E	1800' FSL 870' FWL	T10S-R21E-18-NWSW
ML22791	4304737513	NBU 557-18E	852' FSL 661' FWL	T10S-R21E-18-SWSW
UTUO2270A	4304737510	NBU 558-17E	748' FSL 611' FWL	T10S-R21E-17-SWSW
UTUO2278C	4304737509	NBU 559-17E	467' FSL 2065' FWL	T10S-R21E-17-SESW
UTUO2278	4304737508	NBU 560-17E	1946' FSL 1896' FWL	T10S-R21E-17-NESW
UTUO2278	4304737512	NBU 561-17E	857' FSL 1988' FEL	T10S-R21E-17-SWSE
ML22792	4304737536	NBU 562-19E	859' FNL 859' FEL	T10S-R21E-19-NENE
ML22792	4304737537	NBU 563-19E	1982' FSL 1878' FEL	T10S-R21E-19-NWSE
UTU4476	4304738962	NBU 564-26E	665' FNL 1945' FWL	T10S-R20E-26-NENW
ML22793	4304737533	NBU 565-30E	1865' FNL 1786' FEL	T10S-R21E-30-SWNE
UTUO2270A	4304738375	NBU 566-17E	538' FNL 1806' FWL	T10S-R21E-17-NENW
UTUO1791	4304738535	NBU 567-17E	690' FNL 1988' FEL	T10S-R21E-17-NWNE
UTUO1791	4304738537	NBU 568-17E	850' FNL 807' FEL	T10S-R21E-17-NENE
UTUO1791	4304738534	NBU 569-17E	2009' FNL 1809' FEL	T10S-R21E-17-SWNE
UTUO1791	4304738529	NBU 570-17E	2031' FNL 672' FEL	T10S-R21E-17-SENE
UTUO2278	4304738377	NBU 571-17E	1964' FSL 1831' FEL	T10S-R21E-17-NWSE
UTUO2278	4304738374	NBU 572-17E	1810' FSL 739' FEL	T10S-R21E-17-NESE
UTUO2278	4304738510	NBU 573-17E	813' FSL 481' FEL	T10S-R21E-17-SESE
ML22650	4304739308	NBU 602-36E	1723' FNL 719' FWL	T09S-R22E-36-SWNW
UTUO1393B	4304739305	NBU 614-05E	716' FNL 1967' FEL	T10S-R21E-05-NWNE
UTUO1393B	4304739655	NBU 615-05E	2384' FNL 1015' FEL	T10S-R21E-05-SENE
UTUO1393B	4304739337	NBU 617-04E	933' FNL 745' FWL	T10S-R21E-04-NWNW
UTUO1393B	4304739336	NBU 618-04E	998' FSL 661' FWL	T10S-R21E-04-SWSW
UTUO1393B	4304739414	NBU 625-04E	1937' FNL 1722' FWL	T10S-R21E-04-SENW
UO01197A ST	4304739192	NBU 632-12E	860' FNL 2032' FWL	T10S-R22E-12-NENW
UO01197A ST	4304739193	NBU 633-12E	789' FNL 2179' FEL	T10S-R22E-12-NWNE
UO01197A ST	4304739190	NBU 635-12E	1808' FNL 1754' FEL	T10S-R22E-12-SWNE
UTUO1197A ST	4304739191	NBU 636-12E	1824' FNL 461' FEL	T10S-R22E-12-SENE
UTUO8512 ST	4304750016	NBU 638-13E	1926' FNL 2504' FWL	T10S-R22E-13-SENW
UTUO8512 ST	4304750019	NBU 639-13E	859' FNL 1902' FEL	T10S-R22E-13-NWNE
UTUO8512 ST	4304750014	NBU 640-13E	1619' FNL 1639' FEL	T10S-R22E-13-SWNE
UTUO8512A ST	4304750058	NBU 641-13E	990' FNL 1184' FEL	T10S-R22E-13-NENE
UTUO8512 ST	4304750013	NBU 642-13E	1949' FNL 858' FEL	T10S-R22E-13-SENE
UTUO2270A	4304739957	NBU 653-07E	660' FNL 1980' FWL	T10S-R21E-07-NENW
UTUO2270A	4304739956	NBU 654-07E	1913' FNL 522' FWL	T10S-R21E-07-SWNW
UTUO2270A	4304739860	NBU 655-07E	1926' FSL 750' FWL	T10S-R21E-07-NWSW
UTUO1791	4304739856	NBU 658-01E	2177' FNL 1784' FEL	T10S-R20E-01-SWNE
UTUO2270A	4304739858	NBU 660-12E	661' FNL 691' FEL	T10S-R20E-12-NENE
ML22790	4304750011	NBU 661-24E	1734' FSL 661' FWL	T10S-R20E-24-NWSW
ML22790	4304750017	NBU 662-24E	809' FSL 807' FWL	T10S-R20E-24-SWSW
ML22790	4304750010	NBU 663-24E	810' FSL 1979' FWL	T10S-R20E-24-SESW
ML22790	4304739867	NBU 664-24E	1810' FNL 1781' FEL	T10S-R20E-24-NWSE
ML22790	4304750018	NBU 665-24E	1950' FSL 660' FEL	T10S-R20E-24-NESE
ML22790	4304750057	NBU 666-24E	1043' FSL 1722' FEL	T10S-R20E-24-SWSE
ML22790	4304750012	NBU 667-24E	660' FSL 660' FEL	T10S-R20E-24-SESE
UTUO2270A	4304739901	NBU 668-12E	859' FNL 1915' FEL	T10S-R20E-12-NWNE
UO1207 ST	4304740084	NBU 670-29E	2018' FSL 859' FEL	T09S-R22E-29-NESE
UO1207 ST	4304750027	NBU 691-29E	680' FNL 797' FEL	T09S-R22E-29-NENE
ML3140.5	4304738330	NBU 760-36E	1320' FNL 1320' FEL	T09S-R20E-36-NENE
UTU4476	4304738632	NBU 762-26E	1506' FNL 1449' FEL	T10S-R20E-26-SWNE
ML22792	4304738332	NBU 763-19E	1258' FSL 1388' FEL	T10S-R21E-19-SWSE
ML3142	4304738331	NBU 764-32E	875' FNL 667' FWL	T09S-R21E-32-NWNW
UTUO1791	4304738633	NBU 765-09E	1000' FSL 1640' FWL	T10S-R21E-09-SESW

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DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-02270-A
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 319-17E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0807 FNL 0990 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 17 Township: 10.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047375110000
<b>PHONE NUMBER:</b> 720 929-6100		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/1/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: WELLBORE CLEANOUT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A WORKOVER/WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE NBU 319-17E, SEE THE ATTACHED OPERATIONS SUMMARY REPORT.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> January 12, 2015		
<b>NAME (PLEASE PRINT)</b> Doreen Green	<b>PHONE NUMBER</b> 435 781-9758	<b>TITLE</b> Regulatory Analyst II
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/12/2015	



**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 319-17E

Spud date: 8/29/2007

Project: UTAH-UINTAH

Site: NBU 319-17E

Rig name no.: MILES 3/3

Event: WELL WORK EXPENSE

Start date: 12/23/2014

End date: 1/1/2015

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: NBU 319-17E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/23/2014	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 10:30	3.25	MAINT	30	A	P		ROAD RIG AND EQUIPMENT TO LOCATION SPOT EQUIPMEN AND RIG UP
	10:30 - 13:30	3.00	MAINT	31	I	P		100#PSI ON CSG,TBG. BLED DOWN CONTROLLED WELL WITH 20 BBLS TBG, 20 BBLS CSG. CGS PRESSURD UP. NDWH,NUBOP UNLD TBG WAS STUCK BUT WAS ABLE TO WORK FREE. PU & RIH W 5 JTS 2-3/8"J-55 TBG. TAGGED FILL @ 8247' 1695' OF FILL. PBTD @ 9842'. POOH LD 5 JTS TBG.
	13:30 - 17:30	4.00	MAINT	45	A	P		RU SCAN TECH POOH WITH 178 JTS TBG WINTERIZE EQUIPMENT SWIFN
12/24/2014	7:00 - 7:15	0.25	MAINT	48		P		HSM,JSA -SLIPS, TRIPS, FALLS
	7:15 - 10:30	3.25	MAINT	45	A	P		SICP 800#, SITP 800#- CNTRL WELL FINISH SCAN OOH W/ TBG. HOLES IN BOTTM JT. PLUNGER STUCK IN SN. RD SCAN TECH--TOTAL JT COUNT = 254JTS. (2-3/8" J-55)\nYELLOW BAND= 110 JTS\nBLUE BAND= 43 JTS\nGREEN BAND= 42 JTS\nRED BAND= 59 JTS\nTOTAL REJECTED= 101 JTS (3247.28')
	10:30 - 15:00	4.50	MAINT	31	I	P		PU 3-7/8" MILL TALLY IN HOLE W/ 153 JTS 2-3/8" TBG FROM DERRICK (4858.62'), 101JTS FROM TBG TRAILER. TAGGED FILL @ 8079' 255 JTS. LD 3 JTS. EOT @ 8000.78'SHUT IN TBG AND BOPS, LEFT CASING OPEN TO SALES OVER 4 DAY WEEKEND. WINTERIZED EQUIP.
12/29/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM. STAY OFF RIG FLOOR WHILE SWIVEL IS TURNING. GOOD COM W/ FU OPERATOR.
	7:00 - 17:30	10.50	MAINT	42	B	P		FOUND RIG PUMP LINES FROZE. SWAP OUT LINE & PUMP 20 BBLS T-MAC MAKE SURE EVERY THING IS CLEAR. FOUND TBG WAS PLUGED. \nRU SWAB EQUIP. SWAB TBG, ATTM T/ UNPLUG BIT SUB. BIT SUB BY MAKING 4 SWAB RUNS. \n4TH SWAB RUN SAND LINE PARTED. LEAVING 2800' OF SAND LINE IN TBG. \nPOOH W TBG. FOUND TOP OF SAND LINE @ 2800'. STRIP OUT 2800' SAND LINE WHILE TRIPPING OUT W/ TBG. LD LAST 2 JTS IN SINGLES. PULL WEIGHT BARS OUT OF BTM JT. SWAB MANDREL STUCK IN BIT SUB. CALL FOR NEW BIT SUB AND EXTENDED NECK MILL.\nSWIFN. \nWINTERIZE WH, PUMP & LINES.
12/30/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM. SLIP. TRIP'S & FALL'S.
	7:00 - 11:30	4.50	MAINT	31	I	P		SICP = 800 PSI.\nBLOW WELL DOWN T/ FBT. PUMP 20 BBLS T-MAC DOWN CSG.\nPU NEW 37/8 EXT NECK MILL & BIT SUB.\nRIH W/ 252 JTS. EOT @ 8080'. \nRU DRL EQUIP.
	11:30 - 17:30	6.00	MAINT	44	D	P		BRK CONV CIRC W/ WTF FU, 1HR 15 MIN.\nBEG CO. DRL OUT 20' BRIDGE, FELL FREE. CIRC WELL CLEAN. CONT RIH W/ TBG. TAG @ 8976'. \nBRK CONV CIRC. 1HR 30 MIN. UNLOAD WELL. SWI.\nWINTERIZE RIG EQUIP & WH. SDFN.
12/31/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM. ICE PLUGS. SLIP, TRIPS & FALLS.

## US ROCKIES REGION

## Operation Summary Report

Well: NBU 319-17E

Spud date: 8/29/2007

Project: UTAH-UINTAH

Site: NBU 319-17E

Rig name no.: MILES 3/3

Event: WELL WORK EXPENSE

Start date: 12/23/2014

End date: 1/1/2015

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: NBU 319-17E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:00 - 10:00	3.00	MAINT	46	C	P		SICP = 400 PSI. \nBLOW WELL DOWN T/ FBT. \nHAD TROUBLE GETTING EQUIP STARTED ( -16* )
	10:00 - 16:15	6.25	MAINT	44	D	P		BRK CIRC W/ FU 1HR 5 MIN.\nCONT CO F/ 8976' T/ 9455' = 476' VERY BRIDGY, NOT REAL HARD. FOUND SAND & SCALE IN RETURNS. \nCO T/ 9455', CIRC WELL CLEAN. 45 MIN. \nSHUT DOWN FU. RD DRL EQUIP.
	16:15 - 17:30	1.25	MAINT	31	I	P		POOH LD 27 JTS 23/8 J-55. EOT 8603'. WINTERIZE WH & RIG EQUIP.\nSWI, SDFN.\nRIG PUMPED 60 BBLS.\nFU PUMPED 140 BBLS.\nRECOVERD 240 F/ WELL.\n480 BBLS HAUL T/ DISPOSAL.
1/1/2015	6:45 - 7:00	0.25	MAINT	48		P		HSM. COLD WEATHER. -14*
	7:00 - 18:30	11.50	MAINT	31	I	P		SICP = 400 PSI.\nBLW WELL DWN T/ FBT. RIG PUMP T/ TBG. PUMP 20 BBLS. \nCONT POOH. LD 10 JTS 23/8 J-55 WORK STRING. RIG AIR SYSTEM FROZE UP. (-16* OUT SIDE )\nSTD BCK 261 JTS 23/8 J-55 PROD TBG. LD BS & EXT NECK 37/8 MILL.\nPU 1.875 XN NOTCH. RIH W/ 261 JTS 23/8 J-55 TBG. PU 41/16 FMC TBG HNGR. LAND TBG W/\nKB =====> 21.00\n41/16 FMC TBG HNGR =====> .83\n261JTS 23/8 J-55 =====> 8272.27\n1.875 XN/NOTCH =====> 1.05\nEOT @ 9295\nND BOP. NUWH. SWI FOR PSI BUILD UP OVER WEEKEND.\nUSED FU T/ CO. WELL HAS BEEN PURGED ALLREADY.